



# भारत का राजपत्र The Gazette of India

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No. 38] NEW DELHI, SATURDAY, SEPTEMBER 18—SEPTEMBER 24, 2004 (BHADRA 27, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Kolkata, the 18th September 2004

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Territories of Daman and  
Diu & Dadra and Nagar Haveli.

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Phone Nos. (022) 2492 4058, 2496 1370, 2492 3684,  
2490 3852  
Fax Nos. (022) 2495 0622, 2490 3852  
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Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamil Nadu and  
Pondicherry and the Union  
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Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"

Phone Nos. (044) 2431 4324/4325/4326.

Fax Nos. (044) 2431 4750/4751.

E-mail: patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India

Telegraphic Address "PATENTS"

Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail: patentin@vsnl.com

patindia@giacsl01.vsnl.net.in

Website: http://www.Ipindia.nic.in

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### पेटेंट कार्यालय

#### एकस्य तथा अधिकस्य

कोलकाता, दिनांक 18 सितम्बर 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोष के आधार पर निम्न रूप में प्रदर्शित हैं:-

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर पोरल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश  
तथा गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, हमन तथा दीब एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटोफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0623, 2490 3852

ई. मेल : patinam@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डक्यू 5, धरद पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिस"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,

2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,  
गुणा कम्प्लेक्स, छठा तल, एनएस-II,  
443, अन्नासलाई, सेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, कर्ल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिमिकाय तथा एमिनिदिधि द्वीप।  
तार पता - "पेटेंटोफिस"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
विजयम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6ठा व 7वां तल,  
234/4, आचार्य जगदीश जोस मार्ग,  
कोलकाता - 700 020।

भारत का अखंड क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giacsl01.vsnl.net.in

वेब साइट : http://www.Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट विधम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई जोस पेटेंट कार्यालय के कोबल समुचित  
कार्यालय में ही प्रेषण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से  
निचित्रक, पेटेंट की भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा  
सकती है।

CORRIGENDUMAmendment Under Section 20 (1)

Under the heading "Complete Specification Accepted" in the Gazette of India, Part-III, Section-11, dated 9<sup>th</sup> June, 2001 on pages 8 in the Patent No. 186025 (Application No. 91/Del/93 filed on 03-02-93).

Please Read

Applicant Name as:

**"DAIMLERCHRYSLER AEROSPACE AG"** (Formerly known as Daimler-Benz Aerospace AG) of Willy-Messerschmitt-Strasse 1 D-85521, Ottobrunn, Germany.

Instead of

**"ERNO RAUMFAHRTTECHNIK GMBH.,** a company organised under the laws of the State of Germany, of Hunefeldstrasse 1-5 D-2800 Bremen 1, Germany.

**Application for the patent filed at The Patent Office, Kolkata.****12.08.2004**

New Application No	Applicant Details
483/KOL/2004	LALIT MAHAJAN ; West Bengal, India; "TRANSFER SET."

**13.08.2004**

New Application No	Applicant Details
484/KOL/2004	DR. TAPAN KUMAR CHATTERJEE & MS. MAITREYI MITRA,; West Bengal, India; "INVENTION OF A NEW POTENT ANTILEISHMANIAL DRUG DELIVERY PREPARATION FROM ACETYL DERIVATIVES (AC MT8I ) OF MT8I ANTIBIOTIC."
485/KOL/2004	ARINDAM MITRA ; West Bengal, India; "COMMUNICATION SYSTEM FOR KEY EXTRACTION."
486/KOL/2004	SAMSUNG ELECTRONICS CO. LTD., , 16/08/2003, 01/10/2003, Korea; "METHOD AND APPARATUS FOR ASSIGNING SCHEDULING FOR UPLINK PACKET TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM."
487/KOL/2004	ABB POWER T & D COMPANY INC., , 06/01/1997, 05/01/1998, United States of America; "HIGH OLEIC ACID OIL COMPOSITIONS AND METHODS OF MAKING AND ELECTRICAL INSULATION FLUIDS AND DEVICES COMPRISING THE SAME."

**16.08.2004**

New Application No	Applicant Details
488/KOL/2004	SNECMA MOTEURS ; , 18/08/2003, France; "ABRADABLE DEVICE ON THE BLOWER CASING OF A GAS TURBINE ENGINE."
489/KOL/2004	LG ELECTRONICS INC., , 18/08/2003, Republic of Korea; "SUCTION SILENCER AND COMPRESSOR THEREWITH "

**17.08.2004**

New Application No	Applicant Details
490/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "A METHOD OF CONTROLLING HEAT INPUT INTO COKE OVEN BATTERY."
491/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "A REMOTE CONTROL SYSTEM FOR MILL HOUSING SHIFTING IN ROLLING MILLS."
492/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "A METHOD FOR ONLINE DETERMINATION OF HEARTH WEAR PROFILE OF BLAST FURNACES."

**18.08.2004**

New Application No	Applicant Details
493/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY , ; West Bengal, India; "A KNEE JOINT SIMULATOR."



Application for the patent filed at patent office branch, Chennai.

From : 01/04/2004 To : 30/04/2004

New Application No	Applicant Details
302/CHE/2004	Mr. Pasupathicoll R. Soundar Rajan, U.S.A.; ; "Portable and Small Non Portable Water Filtration Device"
303/CHE/2004	M/s. Aurobindo Pharma Limited, Plot No. 2, Maitrivihar Complex, Ameerpet, Hyderabad - 500 038, A.P. India; , India; "An improved process for the preparation of cephalosporin derivatives"
304/CHE/2004	M/s. Laskhmi Machine Works Limited, Perianaickenpalayam, Coimbatore - 641 020, T.N. India; , India; "An improved nose bar arrangement in a textile ring spinning and twisting machine"
305/CHE/2004	M/s. Laskhmi Machine Works Limited, Perianaickenpalayam, Coimbatore - 641 020, T.N. India; , India; "An improved under winding apparatus in a textile ring spinning and twisting machine"
306/CHE/2004	M/s. Laskhmi Machine Works Limited, Perianaickenpalayam, Coimbatore - 641 020, T.N. India; , India; "A textile ring spinning and twisting machine"
307/CHE/2004	Hydril Company, U.S.A.; , India; "Non-rotating expandable connection with collapsing type seal"
308/CHE/2004	NOVAR GmbH, Germany; ; "Fire detection method and fire detector therefore"
309/CHE/2004	Mr. Solomon Udaya Kumar, Church Compound, House No. 27-182, Puttur - 517 583, Chittoor Dist, A.P. India; , India; "New model turbine"
310/CHE/2004	Mr. Krishnan Dhanaraj & Krishnan Jayachandran, 235, Ellai Thottam Road, Peelamedu, Coimbatore - 641 004, T.N. India; , India; "An energy saving motor for submersible pumpset"
311/CHE/2004	Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 800 034, T.N. India; , India; "Process for the preparation of 3-vinyl cephalosporin compound"
312/CHE/2004	Shashi Bhushan Mehta, Bangalore - 580 038, India; , India; "An apparatus and a method for visualization of mr images"
313/CHE/2004	Caterpillar Inc. U.S.A.; , 31/08/1995, United States of America; "A Process for making a paint formulation"
314/CHE/2004	Dr. Ajith Kumar V.S. Kunnil House, T.C. 11/1266, Y.M.R. Junction, Nanthencode P.O. Trivandrum - 695 003; , India; "NANOGENESEQ"
315/CHE/2004	KAULIN MFG.CO., LTD., TAIWAN; ; "Needle bar link actuator of the sewing machine"
318/CHE/2004	Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600 034, T.N. India; , India; "Novel pyrazolopyrimidinone derivatives"
317/CHE/2004	Mr. M.Bangerraju, C/o. Mr. Anand Reddy, #2, 3rd Cross, Jai Bhima Nagar, BTM Layout I Stage, Bangalore - 580 088, India; , India; "Multi-utility mobile hand set"
318/CHE/2004	Whirlpool Corporation, U.S.A.; , 07/04/2003, Italy; "Slidable and Removable drawer for refrigerator"

319/CHE/2004	M/s. Orchid Chemicals, 'Orchid Towers', 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600 034, India; , India; "An Improved Process for the Preparation of Tazobactam in Pure Form"
320/CHE/2004	Madras Engineering Industries Private Limited, 14, Sathyanarayana Avenue, Chennai - 600 028, Tamilnadu, India; , India; "An automatic brake adjuster for adjusting the slack between the brake lining and brake drum of a vehicular braking system"
321/CHE/2004	DEGUSSA AG; , 11/04/2003, Germany; "Line system for fluids and gases in a fuel cell"
322/CHE/2004	BELL HELICOPTER TEXTRON, INC; ; "Flexible threaded fastener"
323/CHE/2004	AIR PRODUCTS AND CHEMICALS INC; ; "Integrated high pressure nlg recovery in the production of liquefied natural gas"
324/CHE/2004	BELL HELICOPTER TEXTRON, INC; ; "Laterally adjustable clamp"
325/CHE/2004	Centre for Development of Advanced Computing (CDAC), # 68, Electronics City, Bangalore - 561 229, India; , India; "A system and method for the survivability of intrusion detection entities"
326/CHE/2004	CERAMOPTEC INDUSTRIES, INC., 515 SHAKER ROAD, EAST LONGMEADOW, MA 01028, USA; , 16/09/2003, United States of America; "Erythrosin - based antimicrobial photodynamic therapy compound and its use"
327/CHE/2004	CERAMOPTEC INDUSTRIES, INC., 515 SHAKER ROAD, EAST LONGMEADOW, MA 01028, USA; , 02/09/2003, United States of America; "antimicrobial photodynamic therapy compound and method of use"
328/CHE/2004	M/S. Aurobindo Pharma Limited, Plot No. 2, Maltrivihar complex, Ameerpet, Hyderabad - 500038; , India; "A Process for preparing 1-methyl-3-phenylpiperazines"
329/CHE/2004	M/s. Lakshmi Machine Works Limited, Perianaickenpalayam, Coimbatore - 641 020, T.N. India; , India; "An Improved input feed measuring device useful in a textile carding machine and an improved sensing plate assembly for incorporation in the input feed measuring device"
330/CHE/2004	M/s. Lakshmi Machine Works Limited, Perianaickenpalayam, Coimbatore - 641 020, T.N. India; , India; "An Improved textile carding machine"
331/CHE/2004	MASCHINENFABRIK RIETER, SWITZERLAND; , 15/04/2003, Germany; "Textile machine with a drafting device"
332/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JAPAN; , 14/04/2003, Japan; "COMPRESSOR"
333/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI and DOW CORNING ASIA LIMITED, JAPAN; , 14/04/2003, Japan; "Coating composition for use in sliding parts"
334/CHE/2004	Dana Corporation, U.S.A.; , 15/04/2003, United States of America; "Precision thrust bearing joint"
335/CHE/2004	MATRIXVIEW TECHNOLOGIES (INDIA) PRIVATE LIMITED, CHENNAI; , India; "A method and system for indexing a bit plane"
336/CHE/2004	MATRIXVIEW TECHNOLOGIES (INDIA) PRIVATE LIMITED, CHENNAI; , India; "Repetition coded compression for encrypting highly correlated data"
337/CHE/2004	MATRIXVIEW TECHNOLOGIES (INDIA) PRIVATE LIMITED, CHENNAI; , India; "A method and system for compressing image data"

338/CHE/2004	MATRIXVIEW TECHNOLOGIES (INDIA) PRIVATE LIMITED, CHENNAI; , India; "Optimising compression for image data"
339/CHE/2004	MATRIXVIEW TECHNOLOGIES (INDIA) PRIVATE LIMITED, CHENNAI; , India; "Decompressing compressed data"
340/CHE/2004	PATENTE REHBERG LAUER GbR, Germany; , 14/04/2003, Germany; "A plate-type heat exchanger with double-walled heat transfer plates"
341/CHE/2004	S.E.M.T. PIELSTICK, FRANCE; , 23/04/2003, France; "A method for manufacturing a piston, tooling for implementing the method, and a piston obtained thereof"
342/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "Process for the preparation of (R-(E)-1-(((1-(3-(2-(7-chloro-2-quinolinyl) ethenyl)phenyl)-3-(2-(1-hydroxy-1-ethylethyl) phenyl) propyl) thio) methyl)cyclopropanecarboxylic acid (Montelukast) and its pharmaceutically acceptable salts"
343/CHE/2004	Dr. Ajith Kumar V.S. Kunnil House, T.C. 11/1286, Y.M.R. Junotien, Nanthancode P.O. Trivandrum - 695 003; , India; "HELINASER (HLB)"
344/CHE/2004	Mr. T.A. Aparna, T.A. Anand Vishnu and T.A. Vijayan, 19, 1st Street, Parthasarathy Nagar, Adambakkam, Chennai - 500 088, T.N.; , India; "A water treadmill"
345/CHE/2004	Mr. Nityananda Nalk, Belanber Village, Ankola Taluk, Uttara Kannada Dist, Karnataka State, India; , India; "A machine for production of electricity from solar energy using latent heat"
346/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "A stable multiple unit dosage form comprising amorphous drug substance"
347/CHE/2004	UREA CASALE S.A. SWITZERLAND; , 18/04/2003, Europe; "Method to increase the potentiality of a descending film tube bundle heat exchanger"
348/CHE/2004	Hawker GmbH, Germany; , 15/04/2003, Germany; "Lead acid battery, in particular a U - boat propulsion battery"
349/CHE/2004	DEGUSSA AG, GERMANY; , 19/04/2003, Germany; "The ultrasound welding of plastics components"
350/CHE/2004	Haldor Topsøe A/s, Denmark; , 19/04/2003, Denmark; "Method of measuring high temperatures and instrument therefore"
351/CHE/2004	AIR PRODUCTS AND CHEMICALS INC; , 01/05/2003, United States of America; "Process for the Fluorination of Boron Hydrides"
352/CHE/2004	Blocon Limited, 20th km Hosur Road, Electronics city, Bangalore 561 229.; , India; "Process To Produce Insulinotropic Peptides"
353/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 800034; , India; "Novel pyrimidone derivatives"
354/CHE/2004	The College of Pharmaceutical Sciences, Mahe, Manipal, Madhav Nagar, Manipal - 576 119; , India; "Bioadhesive drug delivery system containing parasympathomimetic agent for the treatment of xerostomia"
355/CHE/2004	Dr. C.S. Sainathan, 277, Main Road, Gobichettipalayam - 636 452, T. N. India; , India; "Qualitative and quantitative estimation of steroids by direction action of peroxidase enzyme and substrate tetramethyl benzidine"

356/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "Display carton having multi-compartments with inbuilt locking system"
357/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "Self-Opening Carton with a sliding Panel"
358/CHE/2004	SUMITOMO CHEMICAL COMPANY, LIMITED, JAPAN and MISHIMA PAPER CO., LTD, JAPAN; , 22/04/2003, Japan; "Insect pest control heat vaporizing material"
359/CHE/2004	Sanmar Speciality Chemicals Limited, India; , India; "Process for the preparation of n-(3-(3-Cyanopyrazolo(1,5-a)pyrimidin-7-yl)phenyl)-N-ethylacetamide, (Zaleplon)"
360/CHE/2004	AVAYA TECHNOLOGY CORP., U.S.A.; , 30/04/2003, United States of America; "Dynamic load balancing for enterprise ip traffic"
361/CHE/2004	Mr. Rajesh V. & Mr. K.N. Shalajan, Essar Syndicate, Building No. 291, Punnamparambil, Ward No. 3, Ponkunnam P.O. Kottayam - 686 508, Kerala; , India; "Zipper Tie"
362/CHE/2004	Dr. Reddy's Laboratories Limited, 7-1-27, Ameerpet, Hyderabad - 500 016; , India; "An improved process for preparation of 7-(4-(4-2,3-dichlorophenyl)-1-piperazinyl)butoxy)-3,4 - dihydro-2-(1H)-quinolinone Hydrate (Aripiprazole Hydrate)."
363/CHE/2004	M/s.Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600 034, Tamilnadu, India; , India; "An Improved process for the preparation of cefprozil"
364/CHE/2004	Mr. Venkat Raju Ramaraju & Manjunath Bapuji, New No. 97C, Old No: 52, 2nd Main, 10th Cross, K.R. Layout, 6th Phase, J. P. Nagar, Bangalore - 560 078, Karnataka, India; , India; "Lingo Short Messaging Service (LSMS)"
365/CHE/2004	Schneider Electric Industries SAS, France; , 22/04/2003, France; "Operating terminal, particularly for automation"
366/CHE/2004	M/s.Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600 034, Tamilnadu, India; , India; "Modified expandase enzyme and its use"
367/CHE/2004	DIPL.-ING. PETER REHBERG, GERMANY; , 08/05/2003, Germany; "A plate-type heat exchanger with single walled and double-walled heat transfer plates"
368/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "A New scalable process for preparing optically pure (4s)-4-(3-(2-dimethyl amino ethyl)-1H-5-indolyl methyl)-1,3 oxazolan-2-one (zolmitriptan)"
369/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "Novel crystalline polymorphic forms of tegaserod maleate and process for the preparation thereof"
370/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "A novel process for the preparation of (+)-1-(3-dimethylaminopropyl)-1-(4-fluorophenyl)-1,3-dihydrobenzofuran-5-carbonitrile (Escitalopram) and pharmaceutically acceptable salts thereof"
371/CHE/2004	Mr. Vikram Rathore, S/o. Shri Chandu. Jaithram Thanda, Nevasapur (B), Mendal Indravally, Undoor, Adilabad Dist, A.P.; , India; "Cycle operated water lifting pump"
372/CHE/2004	Blocon Limited, 20th km Hosur Road, Electronics city, Bangalore 561 229.; , India; "Novel Thermostable Phytase"

373/CHE/2004	MADAR SYED RIYAZ ULLA, # 2, Teacher's Society, 1st Cross, Banashankari II Stage, Bangalore - 560 070, ; , India; "Laboratory magnetic separator"
374/CHE/2004	Mr. Stephen Challesery, C/o. Modern Machine Manufacturers, 37-B, Industrial Estate, Ollur - 680 306, Thrissur Dist. Kerala; , India; "Energy saving device for home refrigerator"
375/CHE/2004	Dr. G.Ravindran, 17, Gandhi Nagar, Gobichettipalayam - 838 452, T.N. India; , India; "Multiple exit injection needle"
376/CHE/2004	M. Devaki, Srivarshini, Kusamagiri Road, Guddalur Bazaar, Nilgiri, Tamilnadu, India; , India; "Leaf shuffling machine"
377/CHE/2004	Mr. Prakasham Uma Pathy, Sri Vigneshwara, T-88/1 (New Number 5), First Street, Anna Nagar, Chennai - 600 040, India; , India; "An Apparatus and a System of Verifiable Voting through Electronic Recording, Collation and Analysis of expression of choices"
378/CHE/2004	Khan, Sanjar Ali, 6-2-318/2, Rd. 14, Banjara Hills, Hyderabad - 500 034, A.P., India; , India; "A motorless pump for water and other liquids"
379/CHE/2004	Dana Corporation, 4500 Dorr Street, Toledo, Ohio 43615, USA; , 28/04/2003, United States of America; "Method of forming tubing around a tube seal in a vehicular driveshaft assembly"
380/CHE/2004	Schnelder Electric Industries SAS of 89 Boulevard Franklin Roosevelt, F - 92500 Ruell Malmaison, France; , 29/04/2003, France; "Control device with hysteresis"
381/CHE/2004	Hydril Company of 3300 North Sam Houston Parkway East, Houston, Texas 77032, USA; , 28/04/2003, United States of America; "Quick release blowout preventer bonnet"
382/CHE/2004	NATCO PHARMA LIMITED, Natco House, Road No. 2, Banjara Hills, Hyderabad - 500 033, A.P., India; , India; "A novel economically viable process for the anti-alzheimer drug donepezil hydrochloride"
383/CHE/2004	M/s.Aurobindo Pharma Limited, Plot No. 2, Maltrivihar Complex, Ameerpet, Hyderabad - 500 036, A.P., India; "An improved process for the preparation of an antiviral agent"
384/CHE/2004	Mr. Ramaswamy RAJENDRAN & Mrs. Kamala RAJENDRAN, 5, BDA Domlur II Stage, III Phase, Bangalore - 560 071, Karnataka; , India; "Treatment and management of obesity and obesity related disorders/symptoms using caralluma extracts"
385/CHE/2004	Mr. S.Ramkumar, Old No. 15/2, New No. 28, South Street, Tallakulam, Madurai - 625 002, T.N.; , India; "Block unwanted short message service (SMS)"
386/CHE/2004	TABLETS (INDIA) LIMITED, 19, Marshall's Road, Chennai - 600 008, T.N. India; , India; "A composition of herbal extracts for promoting growth and development"
387/CHE/2004	Dr. Venkateshram Natarajan, B-29, Hudco Colony (Near PSG Hospitals), Peelamedu, Coimbatore - 641 004, India; , India; "High speed spinning machine with yarn package winding mechanism separated from twisting assembly"
388/CHE/2004	Electronic Corporation of India Limited, India; , India; "Electronic Voting System"



389/CHE/2004	M/s. SAMI LABS LIMITED (Legal Department), 19/1 & 19/2, I Main, II Phase, Peenya Industrial Estate, Bangalore - 560 058, India; , India; "Commercially viable process for high purity of fatty alcohol (C24-C38) and compositions for cosmetic application for skin, hair and nails"
390/CHE/2004	M/s. SAMI LABS LIMITED (Legal Department), 19/1 & 19/2, I Main, II Phase, Peenya Industrial Estate, Bangalore - 560 058, India; , India; "An improved process for the manufacture of curcuminoids powder with a high therapeutically effective composition"
391/CHE/2004	M/s. SAMI LABS LIMITED (Legal Department), 19/1 & 19/2, I Main, II Phase, Peenya Industrial Estate, Bangalore - 560 058, India; , India; "Process for preparing skin care compositions"
392/CHE/2004	M/s. SAMI LABS LIMITED (Legal Department), 19/1 & 19/2, I Main, II Phase, Peenya Industrial Estate, Bangalore - 560 058, India; , India; "An improved process for synthesis of naturally occurring benzo (C) chromen-6-one and derivatives and their compositions for cosmeceutical and nutraceutical applications"
393/CHE/2004	M/s. Natco Pharma Limited, Natco House, Road No. 2, Banjara Hills, Hyderabad - 500 033, A.P. India; , India; "Controlled release muco-adhesive matrix formulation containing tolterodine and a process for its preparation"
394/CHE/2004	Mr. Tatolu Sivananda Paramahansa, S/o. Mr. Veera Raghva Charyulu, Palurivari Street, Ward No. 12, House No. 15-5-11, Beemavaram, West Godhavari Dist, A.P.; , India; "Multi purpose useful LPG engine"
395/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500018; , India; "Novel pharmaceutical composition of tamsulosin for oral use"
396/CHE/2004	BECTON, DICKINSON AND COMPANY, U.S.A.; , 02/05/2003, United States of America; "Medical device having releasable retainer"
397/CHE/2004	BECTON, DICKINSON AND COMPANY, U.S.A.; , 02/05/2003, United States of America; "Controlled release structure for attaching medical devices"
398/CHE/2004	PAN, Chi-Chuan and HUANG, Chi-Sheng; ; "Heat recycling air-conditioner"
399/CHE/2004	Adichunchangiri Biotechnology & Cancer Research Institute, Biagangadharanatha Nagara Nagamangala Taluk, Mandya - 571 448, Karnataka, India; , India; "A water soluble antioxidant peptide turmerin and a process for its preparation"
400/CHE/2004	University of Madras, Chepauk, Chennai - 600 005, Tamilnadu, India; , India; "Novel plant extracts having anti hepatitis B activity and a process for their preparation"
401/CHE/2004	M/s. Simta Clear Coats, India; , India; "Clearer rolls"

## Application for the patent filed at patent office branch, Chennai.

From : 1-5-04 To : 31-5-04

New Application No	Applicant Details
402/CHE/2004	M/s. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 6000034, T.N. India; Tamil Nadu, India; "Stable improved orally bioavailable compositions of injectable cephalosporin antibiotics"
403/CHE/2004	M/s. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600 034, T.N. India; Tamil Nadu, India; "An improved process for the preparation of pamidronic acid"
404/CHE/2004	Pratap Rajulapalli Reddy, Advanced Micronic Devices Ltd., Bank Card and Technology Services division, 2nd Floor, Crimson Court, 4, Jeevan Bheema Nagar Main road, Bangalore, Karnataka - 560075; Karnataka, India; "Bank transaction management machine"
405/CHE/2004	Mr. Marimuthu Ramu Thiyagarajan, No. 54, 3rd Cross Street, Thirumal Nagar, Pondicherry - 605013; Pondicherry, India; "An engine having minimized waste heat generation in the system and processes, which negates entropy disorder"
406/CHE/2004	M/S. Natco Pharma Limited, "NATCO HOUSE", Road No. 2, Banjara Hills, Hyderabad - 33; Andhra Pradesh, India; "Improved process for the preparation of high purity anastrozole"
407/CHE/2004	M/S. Aurobindo Pharma Limited, Plot No. 2, Maitrivihaar complex, Ameerpet, Hyderabad - 500038; Andhra Pradesh, India; "An improved process for the preparation of benzoylacrylic acid derivatives"
408/CHE/2004	Dr. Ajith Kumar V.S., Kunnil House, T.C. 11/1266, Y.M.R. Junction, Nathencode P.O., Trivandrum - 895003, Kerala; Kerala, India; "Nanoflownoids"
409/CHE/2004	Titan Paints & Chemicals Ltd., P.O. Box 4402, Industrial Estate P.O., Coimbatore - 841021; Tamil Nadu, India; "Non - rotating bobbin holder"
410/CHE/2004	Fr. John Louis, SDB, Don Bosco Boys Home, 87 Kamaraaj Salai, Thattanchavady, Pondicherry, India; Pondicherry, India; "A method of preparing food products such as jams, pickles and the like from Aloe Vera jelly"
411/CHE/2004	FITEL USA Corp. of 2000 Northeast Expressway, Suite F020, Norcross, Georgia 30071, USA; , 05/05/2003, United States of America; "Methods for modifying ovality of optical fiber preforms"
412/CHE/2004	FITEL USA Corp. of 2000 Northeast Expressway, Suite F020, Norcross, Georgia 30071, USA; , 12/05/2003, United States of America; "Siper - large - effective - area (SLA) Optical fiber and communication system incorporating the same"
413/CHE/2004	Institut Francais Du Petrole of 1 & 4, avenue de Bois - Preau, F - 92852 RUEIL Malmaison, Cedex, France; , 07/05/2003, France; "Process for the production of phenylalkanes in the presence of a solid acid catalyst the deactivation of which is delayed"
414/CHE/2004	Kabushiki Kaisha Toyota Jidoshokki of 2 - 1, Toyoda - cho, Kariya - shi, Aichi - ken, Japan; , 09/05/2003, 02/09/2003, 19/12/2003, Japan; "Electric pump"
415/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500018; Andhra Pradesh, India; "Process for preparing novel crystalline form of 1, 2 - benzisoxazole - 3 - methanesulfonic acid ammonium salt (An intermediate of Zonisamide)"

416/CHE/2004	M/S. Matrix Laboratories Limited, Plot No. 38, Phase - IV, IDA, Jeedimetta, Hyderabad - 500055; Andhra Pradesh, India; "Process for the preparation of Olanzapine form - I"
417/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for sending beacons in wireless personal area networks"
418/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for channel time reservation in wireless personal area networks"
419/CHE/2004	Mr. R. ArunKumar S/O. R. Rajasekar, No. 9, Lane B, V.V.P. Nagar, Thattanchavady, Pondicherry - 605009; Tamil Nadu, India; "Zero pollution engine"
420/CHE/2004	M/S. Malladi Drugs & Pharmaceuticals Ltd., 52, Jawaharlal Nehru Road, Ekkattuthangal, Chennai - 600097; Tamil Nadu, India; "An improved process for the resolution of dl - Ephedrine"
421/CHE/2004	Medreich Sterilab Limited, Medreich House No. 12/8, Saraswati Ammal Street, M.S. Nagar, Bangalore - 560033; Karnataka, India; "A process for preparing synergistic fixed dose pharmaceutical composition"
422/CHE/2004	Mr. Neethala Mittu, C/O. G. Venkatesan, 267/79V, 8th Cross, Jakkappan Nagar, Krishnagiri - 635001, Krishnagiri District; Tamil Nadu, India; "A combination latch meant to make the fastening system pertaining to doors much safer and stronger"
423/CHE/2004	Dr. Ajith Kumar V.S., Kunnil House, T.C. 11/1266, Y.M.R. Junction, Nanthencode P.O. Trivandrum - 695 003; Kerala, India; "SPLASHTEC (Specially Parallel Light augmented Sensing Holography Technique)"
424/CHE/2004	TSO3, Inc., 2505, rue Dalton, Sainte - Foy, Quebec GIO 355(CA), Canada; ; "Method and apparatus for ozone sterilization"
425/CHE/2004	AIR PRODUCTS AND CHEMICALS INC., 7201, Hamilton Boulevard, Allentown, PA 18195 - 1501, USA; ; 22/05/2003, United States of America; "Nitrogen rejection from condensed natural gas"
426/CHE/2004	Degussa AG, Bennigsenplatz 1, D - 40474 Dusseldorf, Germany; ; 12/03/2004; 14/05/2003, Germany; "Surface - modified precipitated silicas"
427/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; ; India; "Process for biotin intermediate"
428/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; ; India; "Novel process for polymorphic stabilisation of form B nateglinide"
429/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; ; India; "Novel crystalline forms of Nateglinide"
430/CHE/2004	Mr. P. Anandasundaresan, Regional LPG Manager, and Mr. S.K. Kudaisya, Dy. General Manager (Operations) B.P.C.Ltd., 1, Ranganathan Gardens, Anna Nagar (West), Chennai - 600 040; ; India; "Online auto cylinder lifting mechanism"
431/CHE/2004	Mr. Lawrence M. Sears, Cleveland Hexagram, Inc. 23905, Mercantile Road, Cleveland, Ohio 44122, U.S.A.; ; "Automatic Electrical Meter Reading Sensor"
432/CHE/2004	Shri.Humcha Sundara Murthy, No.160, 36th A cross, 7th Block, Jayanagar, Bangalore - 560 082, Karnataka; Karnataka, India; "A process for the manufacture of granular flux for addition to molten aluminium and its alloys"
433/CHE/2004	Shri. Angama Naidu Narayanasamy, Madurai; Tamil Nadu, India; "Simple liquefied petroleum gas conversion kit for vehicles"
434/CHE/2004	Shri. Angama Naidu Narayanasamy, Madurai; Tamil Nadu, India; "Dual purpose rotary huller"



435/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "A method of quick settings for lcd panel devices"
436/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for transferring the profiling data across digital TV"
437/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "A method of advertisement and discovery of printer drivers as a network service"
438/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for network based multimedia message generation"
439/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for dynamic flow control, buffer management and admission control in wireless multimedia networks"
440/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "A method and system for audio help support to the multi function peripheral devices"
441/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "A method of camera assisted creation of wallpaper animations"
442/CHE/2004	SMS DEMAG AG, Germany; , 14/05/2003, Italy; "Metallurgical reactor for the production of cast iron"
443/CHE/2004	Haldor Topsoe A/s, Denmark; , 13/05/2003, Denmark; "Process for controlled addition of a reducing agent into nitrogen oxides containing exhaust gas"
444/CHE/2004	LINDE-KCA-DRESDEN GmbH., Germany; , 11/12/2003, Germany; "Process and device for biological treatment of a suspension in a bioreactor with integrated hydraulic top scum treatment"
445/CHE/2004	LINDE-KCA-DRESDEN GmbH., Germany; , 11/12/2003, Germany; "Process and device for biological treatment of a suspension in a bioreactor with integrated hydraulic bottom layer removal"
446/CHE/2004	Furukawa Electric North America Inc. U.S.A.; , 15/05/2003, United States of America; "Chemical powder deposition method for the manufacture of optical fiber preforms and optical fibers"
447/CHE/2004	Shri.A.R.S. Vadhyar, Yasoram Building, Convent Junction, Cochin -11; Kerala, India; "Sky city"
448/CHE/2004	M/s Shriram EPC Limited, No.9, Vanagaran Road, Ayanambakkam, Chennai - 600 095; Tamil Nadu, India; "Mobile sewer Desilting system"
449/CHE/2004	Dr. Reddy's Laboratories Limited, 7-1-27, Ameerpet, Hyderabad - 500 016; Andhra Pradesh, India; "Novel hetrocyclic compounds as anticancer agents"
450/CHE/2004	M/S Ucal Fuel Systems Limited, Chennai; Tamil Nadu, India; "A General Purpose D.C. Motor"
451/CHE/2004	Dana Corporation, U.S.A.; , 13/05/2003, United States of America; "Sealed axially displaceable slip joint"
452/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JAPAN; , 13/05/2003, Japan; "Method of cutting yarn during doffing in spinning machine"
453/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JAPAN; , 15/05/2003, Japan; "Method of operating ring spinning machine during suspension for doffing and method of cutting yarn during doffing"
454/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JAPAN; , 13/05/2003, Japan; "Tail yarn cutting device for spinning machine"
455/CHE/2004	Schneider Electric Industries SAS of 89 Boulevard Franklin Roosevelt, F - 92500 Rueil Malmaison, France ; , 14/05/2003, France; "Flush mounted conversational terminal"

456/CHE/2004	Ramakrishnan Soundararaj, Coimbatore; , India; "A robbin holder assembly for a ring spinning machine"
457/CHE/2004	The Registrar, Indian Institute of Sciences, Bangalore - 560 012, Karnataka State, India; , India; "Mycobacterium tuberculosis specific protein and gene, and its applications"
458/CHE/2004	M/S Hydrex Chemicals Private Limited, 206, Sai Kiran-2, Srinagar Colony, Hyderabad - 500073; Andhra Pradesh, India; "An improved process for the preparation of terninafine hydrochloride"
459/CHE/2004	Dana Corporation, U.S.A.; , 15/05/2003, United States of America; "System and method for balancing a driveline system"
460/CHE/2004	INVENTIO AG., SWITZERLAND; , 21/05/2003, Europe; "Lift installation with a buffer for creating a zone of protection in a lift installation and a method of creating a zone of protection"
461/CHE/2004	The Registrar, Annamalai University, Annamalainagar, Chidambaram - 608 002, T.N.; , India; "Eco-friendly and fuel efficient hybrid exhaust-expansion system for internal combustion engines"
462/CHE/2004	Dana Corporation, U.S.A.; , 21/05/2003, United States of America; "Rolling ball spline slip joint with helically shaped cone"
463/CHE/2004	SNECMA MOTEURS, FRANCE; , 27/05/2003, France; "A system for sealing the secondary flow at the inlet to a nozzle of a turbomachine having a post combustion chamber"
464/CHE/2004	India Nippon Electricals Limited, Hosur, T.N. India; , India; "An Ignition, indicator system for a spark plug internal combustion engine"
465/CHE/2004	Mr. N. Seshadri Kumar, F-1 'Whispering Height', 132, St. Mary's Road, Alwarpet, Chennai - 600 018, India; , India; "River water impounding system"
466/CHE/2004	Mr. A. Rajendra Babu, M/s. Kala Associates, New No. 34, Old No. 91, Greenways Road, Raja Annamalaiapuram, Chennai - 600 02, T.N. India; , India; "Auto-powered vehicle and generator"
467/CHE/2004	Audco India Limited, Mount Poonamallee Road, Manapakkam, Chennai - 600 089, T.N. India; , India; "A device for securely fastening a gearbox body to the flange of a valve body"
468/CHE/2004	Audco India Limited, Mount Poonamallee Road, Manapakkam, Chennai - 600 089, T.N. India; , India; "A lubricated plug valve"
469/CHE/2004	Shri.R. Diagaraj, S/o N. Ramasamy, Pillaiyar Koil Street, Molapakkam, Kariamanickam, Nettapakkam, Pondicherry - 605 106.; Pondicherry, India; "Motor Cycle side stand alarm"
470/CHE/2004	WHIRLPOOL CORPORATION, U.S.A.; , 21/05/2003, Italy; "Refrigerator with evaporator of variable dimensions"
471/CHE/2004	MASCHINENFABRIK RIETER AG, SWITZERLAND; , 21/05/2003 & 21/10/2003, Germany; "Spinning machine with a compression device"
472/CHE/2004	Dr. Reddy's Laboratories Limited, Plot No.116, S.V. Co-op.Industrial Estate, Bollaram, Jinnaram, Medak District 502 325, Andhra Pradesh; Andhra Pradesh, India; "Simple process for the preparation of 2-n-Butyl-3-(2'-(1H-tetrazol-5-yl)(1,1'-biphenenyl)-4-yl)methyl)-1,3-diazaspiro(4.4)non-1-en-4-one(irbesartan)"
473/CHE/2004	D.Swarovski & Co. , Austria; , 23/05/2003, Austria; "Process for the production of a piece of jewellery "
474/CHE/2004	Shri. Shaji mon.K, S/O, Karunakaran (Late), Madhumandhiram House, Peringome (PO), Kannur District, Kerala state, India; Kerala, India; "HYDRAULIC ENGINE' or 'FUEL LESS ENGINE"

475/CHE/2004	Mr. Addanki Jayachandra, H.No. 54 - 13 - 3/2, Srinivasa Nagar Bank Colony, Vijayawada - 10; Andhra Pradesh, India; "JENFAN (Jaya's Energy Feast Achievable Network)"
476/CHE/2004	Mr. K. Sundararaman, 447, M.G. Road, Muthialpet, Pondicherry - 605003; Pondicherry, India; "Use and throw toothbrush"
477/CHE/2004	IFB Industries Ltd., 16 Vishweswaralah Industrial Estate, Mahadevapura, Bangalore - 560048; Karnataka, India; "An integrated water resource for a washing machine"
478/CHE/2004	Mr. Vijayaraj N, Lecturer, School of Chemical and Biotechnology, SASTRA, Thanjavur - 613402; Tamil Nadu, India; "A method for representing genome files as compressed image files"
479/CHE/2004	M/S. Ashtavaldyan Thakkattu Mooss Vaidyaratnam Oushadhasala, Ollur, Thakkattussery, Thrissur - 680322; Kerala, India; "A process for the isolation of a microorganism useful for the fermentation of herbal extracts and an improved process for the preparation of the herbal extracts using the said microorganism"
480/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; Tamil Nadu, India; "Process for the preparation of cetirizine"
481/CHE/2004	Shijiazhuang Sanhuan Valve Ltd., Corporation of No. 43, Quotou Street, Shijiazhuang, Hebei province, P.R. China; , 18/01/2004, China; "Synchrodrive blast furnace top chute distributing device"
482/CHE/2004	Samsung Electronics Co. Ltd, Korea; Karnataka, India; "System and methods for integrating 3G and IEEE802.16 wireless networks"
483/CHE/2004	Samsung Electronics Co. Ltd, Korea; Karnataka, India; "System and methods for integration of third generation (3G) universal mobile telecommunications system (UMTS) and wireless metropolitan area networks (WMAN)"
484/CHE/2004	Samsung Electronics Co. Ltd, Korea; Karnataka, India; "Efficient hybrid automatic repeat request mechanisms for wireless networks"
485/CHE/2004	Tecumseh Products Company, USA; , 29/05/2003, United States of America; "Compressor crankshaft with bearing sleeve and assembly method"
486/CHE/2004	A. Friedr. Flender AG, Germany; , 27/05/2003, Germany; "Gear unit for the drive of a rotating tube"
487/CHE/2004	Dr. Palaniappan Meenakshisundaram M.B.B.S., 74/2, Thiaglal Road, Devakottal - 630302; Tamil Nadu, India; "A novel herb for treating HIV/AIDS and fungal infections secondary to HIV"
488/CHE/2004	P.S. Bhattacharya & others, 301, East Face Homes, Vaman Nalk Lane, Kundan Bagh, Begumpet, Hyderabad; Andhra Pradesh, India; "Processing and utilization of eggshell as calcium source for human use"
489/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; Andhra Pradesh, India; "A novel process for the preparation of amorphous form of (+/-) -[[cyclohexyloxy] carbonyl] oxy] ethyl 2 - ethoxy - 1 - [[2'-(1H - tetrazol - 5 - yl)[1, 1' - biphenyl] - 4 - yl]methyl] - 1H - benzimidazole - 7 - carboxylate"
490/CHE/2004	Tanita Corporation, Japan; , 30/05/2003, Japan; "Body composition management apparatus for pregnant women"
491/CHE/2004	Matrix Laboratories Ltd., 1-1-151/1, IV Floor, Salram Towers, Alexander Road, Secunderabad - 500 093, A.P.; , India; "A process for the preparation of Tadalafil"
492/CHE/2004	Huhtamaki Ronsberg, Zweigniederlassung der Huhtamaki Deutschland of GmbH & Co. KG, Germany; ; "Tubular, especially can-shaped, receptacle for the accommodation of fluids, a method of manufacture, and use"

Application for the patent filed at patent office branch, Chennai.

From : 01-06-04 To : 30-06-2004

New Application No	Applicant Details
493/CHE/2004	IFB AUTOMOTIVE PVT LTD, 16 Vishweswaralah Industrial Estate, Mahadevapura, Bangalore - 560 048; , India; "Twin position reclinder for automotive seats"
494/CHE/2004	DENSO CORPORATION, JAPAN; , 03/06/2003; 27/04/2004, Japan; "Intake apparatus for internal combustion engine with adjustable structure"
495/CHE/2004	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JAPAN; , 04/06/2003; 04/06/2003, Japan; "Program replacing method"
496/CHE/2004	Ucal Fuel Systems Limited, Chennai; , India; "A device for reducing fuel consumption in motor vehicles"
497/CHE/2004	M/s. Sundaram Clayton Limited, Jayalakshmi Estates, No. 8, Haddows Road, Chennai - 600 006, T.N. India; , India; "Brake valve with integrated mechanical switch for a motor vehicle braking system"
498/CHE/2004	M/s. P.L. Narasimhan, Vice President - R & D, Lakshmi Machine Works Limited, Perianaickenpalayam, Coimbatore - 641 020, T.N. India; , India; "An improved drive arrangement useful for driving the flat assembly of a textile carding machine and an and connector for incorporation in the drive arrangement"
499/CHE/2004	Mr. Jose Thaikattil, Thaikattil House, Tirurangedi P.O., Kerala State, India; , India; "A cooking utensil"
500/CHE/2004	M/S. Hetero Drugs Limited, H. No. 8-3-188/7/1, Erragadda, Hyderabad - 500 018, A.P. India; , India; "Novel Polymorphs of Imatinib mesylate"
501/CHE/2004	M/S. Hetero Drugs Limited, H. No. 8-3-188/7/1, Erragadda, Hyderabad - 500 018, A.P. India; , India; "A novel polymorph of ciprofloxacin hydrochloride"
502/CHE/2004	M/S. Hetero Drugs Limited, H. No. 8-3-188/7/1, Erragadda, Hyderabad - 500 018, A.P. India; , India; "Amorphous form of losartan potassium"
503/CHE/2004	M/S. Hetero Drugs Limited, H. No. 8-3-188/7/1, Erragadda, Hyderabad - 500 018, A.P. India; , India; "Novel crystalline forms of tadalafil"
504/CHE/2004	M/S. Hetero Drugs Limited, H. No. 8-3-188/7/1, Erragadda, Hyderabad - 500 018, A.P. India; , India; "Bicalutamide polymorphs"
505/CHE/2004	Mr. A. Ramaiah, S/o. Mr. Arumugam, 1/155, North Street, Sithalagudi Post, Vadipatty (TK), Madurai Dist.; , India; "Generation of rotational energy using gravitational force"
506/CHE/2004	Klinger AG, Switzerland; , 06/06/2003, Germany; "Elastomer-bonded sheet material and process for its production"
507/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JAPAN; , 03/06/2003, Japan; "Tension device for a spindle drive tape of a spinning machine"
508/CHE/2004	NOVARTIS AG, SWITZERLAND; , 12/04/1998; 24/10/1998, Great Britain; "A process for producing a pharmaceutical"
509/CHE/2004	Mr. Ramaswamy RAJENDRAN, M/s. Green Chem, 5 BDA Domlur II Stage, III Phase, Bangalore - 560 071, Karnataka, India; , India; "Extracts of caralluma species of plants and processes for making the same"

510/CHE/2004	M/s. Matrix Laboratories Ltd, 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad - 500 003, India; , India; "An improved process for the purification of Gabapentin"
511/CHE/2004	Futura Polymers, 1-A, Kamaraj Salai, Manali, Chennai - 600 068, T. N. India; , India; "A process for the preparation of polyethyleneterephthalate (pet)"
512/CHE/2004	Dr. T.V. Sridhar, 53, Beach Road, Kalakshetra Colony, Besant Nagar, Chennai - 600 090, India; , India; "Sridhar's switching duty test apparatus for on load tapchangers"
513/CHE/2004	Mr. K. Muralidhar Reddy, 3-8-144/1, Chandrapuri Colony, Road # 3, L. B. Nagar, R.R. Dist, Hyderabad - 500 074, India; , India; "Aqueous Fluid Disinfection and Pasteurization"
514/CHE/2004	M/S. Aurobindo Pharma Limited, Plot No. 2, Maitrivihaar complex, Ameerpet, Hyderabad - 500038; , India; "An improved process for the preparation of cefepime"
515/CHE/2004	OSSUR HF, ICELAND; , 15/11/1995, United States of America; "A pre-form socket material for molding definitive prosthesis sockets for residual limbs"
516/CHE/2004	FITEL USA Corp. of 2000 Northeast Expressway, Suite F020, Norcross, Georgia 30071, USA; , 11/06/2003, United States of America; "Large-effective-area inverse dispersion compensating fiber, and a transmission line incorporating the same"
517/CHE/2004	AQUAMALL WATER SOLUTIONS LIMITED, Hyderabad; , India; "A resin based water filter cum purifier assembly"
518/CHE/2004	SUVEN LIFE SCIENCES LIMITED of Serene Chambers, Road No. 7, Banjara Hills, Hyderabad - 500 034, A.P. India; , India; "Novel N-substituted aryl azaindoles having serotonin receptor affinity useful as therapeutic agents, process for their preparation and pharmaceutical compositions containing them"
519/CHE/2004	Tamil Nadu Agricultural University, Coimbatore - 641 003, T.N. India; , India; "A device for uprooting stalks of plants from the fields"
520/CHE/2004	The Registrar, Indian Institute of Sciences, Bangalore - 560 012, Karnataka State, India; , India; "An I2 dt meter for estimation of energy loss in electrical power neetworks"
521/CHE/2004	M/s. Matrix Laboratories Ltd, 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad - 500 003, India; , India; "Process for preparing novel crystalline form of gatifloxacin"
522/CHE/2004	M/s. Matrix Laboratories Ltd, 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad - 500 003, India; , India; "Process for preparing novel crystalline form of gatifloxacin"
523/CHE/2004	M/s. Matrix Laboratories Ltd, 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad - 500 003, India; , India; "An improved process for the purification of Gabapentin"
524/CHE/2004	B. Braun Melsungen AG, Carl - Braun - Strasse 1, 34212 Melsungen, Germany; , 20/08/1997; 12/06/1998, United States of America; "A needle guard for shielding the needle tip"
525/CHE/2004	Mr. Thoathathri Sampath Kumar, 651, 11th Main Road, V Block, Jayanagar, Bangalore - 560 041, Karnataka State, India; , India; "Silica nutrient and micronutrient for growth of diatom algae"
526/CHE/2004	Mr. PAMULA CHANDRA SEKHAR, S/O. Mr. Bhaskara Rao, H. No. 60-10-2, P & T Colony, Rajahmundry - 533 105, A.P. India; , India; "Process for instant curd formation"



527/CHE/2004	Mr. Venkata Rama Rao Avva of Agri Gold Organics (P) Ltd, 40-1-21/21 2nd Floor, Catholic Complex, M.G. Road, Vijayawada - 520 010, A.P. India; , India; "A method of manufacturing cowdung in powder and cake form"
528/CHE/2004	M/s. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600 034, T.N.; , India; "Process for the preparations of cephalosporin antibiotics"
529/CHE/2004	The Aromen Engineering Company Private Limited, 167, Kallyapuram Road, Thirumalayampalayam, Coimbatore - 641 105, India; , India; "Portable sugar silo for truck loading"
530/CHE/2004	F. Hoffmann - La Roche AG, Switzerland; , 12/06/2003, Europe; "Improved method for the recombinant production of polypeptides"
531/CHE/2004	Avaya Technology Corp. U.S.A.; , 12/06/2003, United States of America; "Distributed monitoring and analysis system for network traffic"
532/CHE/2004	Manipal Institute of Technology, Manipal Academy of Higher Education, Mahe, Manipal, Karnataka - 576 104; , India; "An improved process for the recovery of metallic silver from photographic wastes"
533/CHE/2004	Mr. A.D. Balasubramanyam, D1, F1, 3rd Floor, Mahalakshmi Apartments, Link Road, Adambakkam, Chennai - 600 088, India; , India; "Barcog-balasubramanyam anti-reflection coating on ophthalmic glasses"
534/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for user presence based instant message delivery"
535/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for priority in instant messaging"
536/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "System and method for charge bearing in instant messaging"
537/CHE/2004	DEGUSSA, GERMANY; , 14/06/2003, Germany; "Resins based ketones and aldehydes, having improved solubility properties and low color numbers"
538/CHE/2004	Pietro BAROZZI, ITALY; , 13/06/2003, Europe; "Impulse turbine, particularly of the reversible type"
539/CHE/2004	Avaya Technology Corp. U.S.A.; , 12/06/2003, United States of America; "Method and apparatus for determination of network topology"
540/CHE/2004	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JAPAN; , 12/06/2003, Japan; "Parts catalog creating system and program therefor"
541/CHE/2004	KABUSHIKI KAISHA TOPCON, JAPAN; , 09/06/2003, Japan; "Ophthalmologic operation microscope"
542/CHE/2004	Halla Climate Control Corporation, Korea; , 10/06/2003; 30/04/2004, Korea; "Disc and hub assembly for electromagnetic clutch in a compressor"
543/CHE/2004	Ms. Dulla Sujatha, D/o. Dr. D.V. Subba Rao, H.No. 2-2-647/182/B/6, Saradanagar, Street No. 2, Bagh Amberpet, Hyderabad - 500 013, A.P. India; , India; "Evolving a procedure to identify status of health (healthy or not) of person from study of health line of palm"
544/CHE/2004	Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore - 560 084; , India; "Use of curcumanoids as Histone acetyltransferases (HATs) inhibitors"
545/CHE/2004	Dr. Ajith Kumar V.S. Kunnil House, T.C. 11/1266, Y.M.R. Junction, Nanthencode P.O. Trivandrum - 695 003, Kerala, India; , India; "Nanocircadian pacemaker"

546/CHE/2004	Dr. Reddy's Laboratories Limited, 7 - 1 - 27, Ameerpet, Hyderabad - 500016; , India; "A stable dosage form comprising crystalline ziprasidone hydrochloride and a pharmaceutically acceptable excipient or a combination of excipients"
547/CHE/2004	Samsung Electronics Co. Ltd, Korea; ; "High efficiency projection system and method of forming colour image using the same"
548/CHE/2004	Indian Institute of Technology, IIT P.O. Chennai - 600 036; , India; "Supported metal catalysts and a method of manufacture thereof"
549/CHE/2004	Mr. N.P. Anantharam, "Anugraha", No. 679, 67th Cross, I Stage, Kumaraswamy Layout, Bangalore - 560 078; , India; "Power generation by various unconventional methods"
550/CHE/2004	Samsung Electronics Co. Ltd., India Software Operations (SISO), Korea; , India; "System and method for time synchronisation in wireless personal area networks"
551/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for content font formatting in mobile instant messaging using message headers"
552/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for anonymous instant messaging"
553/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for power saving in wireless personal area networks"
554/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for providing ims services over a 3g-wlan interworked system"
555/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for power saving in distributed wireless personal area networks"
556/CHE/2004	National Starch and Chemical Investment Holding Corporation, U.S.A.; , 17/06/2003, United States of America; "Calcium ion stable emulsion polymers and uses thereof"
557/CHE/2004	M/s. Fluid Control Research Institute, Kanjikode West, Palakkad - 678 623, Kerala, India; , India; "Thermal mass flow meters for capacities 1 and 5 slpm"
558/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; , India; "Taste masked composition of oral antibiotics"
559/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; , India; "System and method for html message format in mobile instant messaging"
560/CHE/2004	TORAY INDUSTRIES, INC. JAPAN; , 18/06/2003; 29/08/2003, Japan; "Composite semipermeable membrane, and production process thereof"
561/CHE/2004	Z&J Technologies GmbH, Germany; , 17/06/2003, Germany; "Device for opening or closing an opening, in particular a bottom opening of a material bunker for a blast furnace"
562/CHE/2004	ABB T&D Technology Ltd, Switzerland; , 16/06/2003, Europe; "Curable epoxy resin composition, fabrication process using the same and shaped articles obtained therefrom"
563/CHE/2004	ABB Technology AG, Switzerland; , 02/07/2003, Europe; "Contact finger for a high-power switchgear"
564/CHE/2004	Mr. Yajnik Birad, S/o. Vatsal Yajnik, # 171, Road No. 3, Banjara Hills, Hyderabad - 500 034, A.P.; , India; "A method for management of sending and receiving Text Messages via computers over a wireless network"

565/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; , India; "Novel process for the preparation of cefdinir"
566/CHE/2004	Matrix Laboratories Ltd., 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad - 500 093, A.P.; , India; "An improved process for the preparation of N-substituted Hetero Cyclic derivatives"
567/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; , India; "Novel intermediate for the preparation of cefotiam"
568/CHE/2004	Dr. Ajith Kumar V.S. & Dr. Arun Kumar V.S. Kunnil House, T.C. 11/1266, Y.M.R. Junction, Nanthencode P.O. Trivandrum - 695 003, Kerala, India; , India; "Nanofibon sensor"
569/CHE/2004	Futura Polymers, 1-A, Kamaraj Salai, Manali, Chennai - 600 068, T. N. India; , India; "A process for controlled polymerisation of a mixed polymer"
570/CHE/2004	Sonoco Development, Inc., U.S.A.; , 14/10/2003, United States of America; "YARN CARRIER"
571/CHE/2004	M/s. Rite Products, 38, North Usman Road, T.Nagar, Chennai - 600 017, T.N. India; , India; "Stretcher cum trolley"
572/CHE/2004	VISHNU FABRICS (P) LTD, INDIA; , India; "Manufacturing process for coating of glass fiber fabrics"
573/CHE/2004	SREE ASSOCIATES, 1149, Contour Road, Gokulam 111 Stage, Mysore - 570 002, Karnataka, India; , India; "Hydrogen gas conversion kit system for automobiles"
574/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for device handover in wireless personal area networks"
575/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for spatial reuse in wireless personal area networks"
576/CHE/2004	Mr. V. Gnanasambandam, S/o. Mr. C. Velusamy, 104, Ramanuja Nagar, Kamarajar Road, Uppillipalayam Post, Coimbatore - 641 015; , India; "Squirrel cage induction motor"
577/CHE/2004	FRANTZ MANUFACTURING COMPANY, U.S.A.; , 18/06/2003, United States of America; "Transport device for use with transport guides in conveyor systems"
578/CHE/2004	DANA CORPORATION, U.S.A.; , 20/06/2003, United States of America; "Method of manufacturing a vehicle frame component by high velocity hydroforming"
579/CHE/2004	Mr. Viswanathan Sivakumar, P-31, Sector XIII, Road F-5, Jeevan Bheema Nagar, HAL III Stage, Bangalore - 560 075, India; , India; "The Pyramid Software Development Model"
580/CHE/2004	IFB AUTOMOTIVE PVT LTD, 16 Vishweswaraiah Industrial Estate, Mahadevapura, Bangalore - 560 048; , India; "Slider cum recliner for automotive seats"
581/CHE/2004	Pondicherry Agro Service and Industries Corporation Limited, Agro House, Agricultural Complex, Thattanchavady, Pondicherry - 605 009, India; , India; "Twin screen rotary sieve"
582/CHE/2004	Z&J Technologies, Gmbh, Germany; , 20/06/2003, 28/07/2003, Germany; "Furnace Head or furnace throat seal"



583/CHE/2004	Fuji Photo Film Co., Ltd, Japan; , 20/06/2003, 26/12/2003, 26/01/2004, Japan; "Light-sensitive sheet comprising support, First Light-sensitive layer and second light-sensitive layer"
584/CHE/2004	TVS Motor Company Limited, Jayalakshmi Estates, Haddows Road, Chennai - 600 006, T.N. ; , India; "A gear shift device for a synchromesh transmission system"
585/CHE/2004	TVS Motor Company Limited, Jayalakshmi Estates, Haddows Road, Chennai - 600 006, T.N. ; , India; "A gear shift interlock mechanism for a multispeed synchromesh transmission system"
586/CHE/2004	M/s. Avestha Gengraine Technologies Pvt. Ltd., "Discoverer", 9th Floor, Unit 3, International Tech Park, Whitefield Road, Bangalore - 560 066, Karnataka, India and Cipla Ltd, "Mumbai Central", Mumbai - 400 008, Maharashtra; , India; "Novel method used for the production of recombinant soluble TNF-R1(or like proteins)"
587/CHE/2004	ABB Limited, 2nd Floor, East Wing, Khanija Bhavan, 49, Race Course Road, Bangalore - 560 001, Karnataka, India; , India; "Step fan regulator"
588/CHE/2004	ABB Limited, 2nd Floor, East Wing, Khanija Bhavan, 49, Race Course Road, Bangalore - 560 001, Karnataka, India; , India; "A domestic electric switch"
589/CHE/2004	Lakshmi R. Yanamadala, 41624, Mitchell Road, Novi, Michigan-48377, U.S.A.; ; "Disposable under arm dress liner for personal hygiene"
590/CHE/2004	M/s. Divi's Laboratories Limited, 7-1-77/E/1/303, Divi Towers, Dharani Karan Road, Ameerpet, Hyderabad - 500 016, A.P. India; , India; "Improved process for the preparation of sertraline hydrochloride"
591/CHE/2004	CHEN, Chung-Sheng; China; ; "Brake structure of vehicle"
592/CHE/2004	Mr. Krishnamurthy Venkata Rao, No. 12, Fourth Street Gopalapuram, Chennai - 600086; Tamil Nadu, India; "Vacuum desalination generator"
593/CHE/2004	Mr. Kollekattu Joseph Scaria, Prasanth Bhavan, Maruthorvattom Post Office, C.M.C. No. XIV/275, Cherthala - 688545, Kerala ; Kerala, India; "A process of making non - slip design embossed coir brush mats and mats made thereby"
594/CHE/2004	ABB Research Ltd., Switzerland; ; "Shaft, method for producing it and device for carrying out the method"
595/CHE/2004	Avaya Technology Corp. U.S.A.; , 24/06/2003, United States of America; "Method and apparatus for validating agreement between textual and spoken representations of words"
596/CHE/2004	WHIRLPOOL CORPORATION, U.S.A.; , 24/06/2003, Italy; "Domestic refrigeration appliance with removable shelf supports"
597/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; , India; "Novel 2alpha - methyl-2beta substituted methyl penam derivatives"
598/CHE/2004	M/S. Orchid Chemicals & Pharmaceuticals Ltd., Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034; , India; "Improved process for the chemical synthesis of 2-adenosyl-L-methionine with enrichment of (2,2)-isomer"
599/CHE/2004	DAVY PROCESS TECHNOLOGY LIMITED, BRITISH; , 12/10/1999, Europe; "A process for the co-production of maleic anhydride and at least one C4 compound"
600/CHE/2004	Ing. Erich Pfeiffer GmbH, Germany; , 25/06/2003, Europe; "Dosing apparatus for at least one fluid"

601/CHE/2004	ASF-KEYSTONE, INC. U.S.A.,; 25/06/2003, United States of America; "Multi-purpose universal sideframe for railway trucks"
602/CHE/2004	ASF-KEYSTONE, INC. U.S.A.,; 25/06/2003, United States of America; "Three-piece motion control truck system"
603/CHE/2004	M/s. Varsha Multi Tech, No. 140, 4th Main, 1st Stage, 1st Phase, WCR, Manjunath Nagar, Bangalore - 560 010, India; , India; "Novel synergistic liver nutritional supplement additive composition for poultry feed and a process for manufacturing the said composition"
604/CHE/2004	M/s. Varsha Multi Tech, No. 140, 4th Main, 1st Stage, 1st Phase, WCR, Manjunath Nagar, Bangalore - 560 010, India; , India; "Novel synergistic probiotic & prebiotic nutritional supplement/additive composition for poultry feed and a process for manufacturing the said composition"
605/CHE/2004	M/s. Aarnoda Pharmaceuticals, No. 256/351, B.M. Shankarappa Industrial Estate, Sunkadakatte, Vishwaneedam Post, Bangalore - 560 091; , India; "Novel synergistic lecithin with co-enzymes nutritional supplement/additive composition for poultry feed and a process for manufacturing the said composition"
606/CHE/2004	M/s. Aarnoda Pharmaceuticals, No. 256/351, B.M. Shankarappa Industrial Estate, Sunkadakatte, Vishwaneedam Post, Bangalore - 560 091; , India; "Novel synergistic multi enzyme nutritional supplement/additive composition for poultry feed and a process for manufacturing the said composition"
607/CHE/2004	M/S. Aurobindo Pharma Limited, Plot No. 2, Maitrivihar complex, Amēerpet, Hyderabad - 500038; , India; "An improved process for preparing optically pure piperidine carbinol"
608/CHE/2004	UREA CÀSALE S.A. SWITZERLAND; , 27/06/2003, Europe; "Falling fim tube bundle heat exchanger"
609/CHE/2004	Department of Space, Indian Space Research Organisation (ISRO) Headquarters, Government Organisation, Antarikash Bhavan, New B.E.L. Road, Bangalore - 560 094, India; , India; "A method for viscosity reduction of high molecular weight, high char yielding acrylonitrile polymer dope"
610/CHE/2004	Department of Space, Indian Space Research Organisation (ISRO) Headquarters, Government Organisation, Antarikash Bhavan, New B.E.L. Road, Bangalore - 560 094, India; , India; "A process for production of high molecular weight, high char yielding acrylonitrile polymer dope"
611/CHE/2004	Mr. Somasundaram Ram Kumar, Old No. 15/2, New No. 28, South Street, Tallakulam, Madurai - 625 002; , India; "Facility of television, terrestrial radio, satellite radio and data in computer monitor and laptop"
612/CHE/2004	Chembumkulam Sreedharan Bhaskaran Nair, "Sreedevi", Temple Junction Sasthamangalam, Thiruvanthapuram - 695 010, Kerala; , India; "A process for preventing the growth of microorganisms in protective covers of plastic containers holding aqueous solutions"
613/CHE/2004	Mr. Krishnaswamy Ramaswamy, Chairman, Roots Auto Products Pvt. Ltd., Ulavagam, Ganapathy Post, Coimbatore - 641 006; , India; "A mobile coded intercommunication device"
614/CHE/2004	The Registrar, Indian Institute of Sciences, Bangalore - 560 012, Karnataka State, India; , India; "Process for the treatment contaminated water and a domestic de-fluoridation unit"
615/CHE/2004	Mr. R. Sivakumar, 16, Kumaravalasu, Vilakkethi - 638 109, Erode Dist, T.N.; , India; "Tie-up Advertisement in Telecommunication"

616/CHE/2004	China Petroleum & Chemical Corporation and Research Institute of Petroleum Processing, Sinopec, China; , 30/06/2003, China; "A catalytic conversion process for producing light olefins with a high yield from petroleum hydrocarbons"
617/CHE/2004	Samsung Electronics Co. Ltd, India Software Operations (SISO) Korea; ; "System and method for inter rat handoff between hrpd and cdma2000 1x networks"
618/CHE/2004	IP Rings Limited, D-11/12, Industrial Estate, Maraimalai Nagar Dist, Kachipuram, T.N. India; , India; "Oil rang assembly"
619/CHE/2004	TVS Electronics Limited, Plot No. 34, Developed Plots South Phase, Industrial Estate, Guindy, Chennai - 600 032, T.N. ; , India; "Wire dot printer head"
620/CHE/2004	Premier Instruments & Control Limited, Post Box No. 6331, 1087-A, Avinashi Road, Coimbatore - 641 037, T.N. India; , India; "Method and apparatus for road speed limiting"
621/CHE/2004	DANA CORPORATION, U.S.A.; , 01/07/2003, United States of America; "Method of manufacturing of combined driveshaft tube and yoke assembly"
622/CHE/2004	Halder Topsoe A/S, Denmark; , 02/07/2003; 15/08/2003, Denmark; "Diesel particulate filter"
623/CHE/2004	DANA CORPORATION, U.S.A.; , 01/07/2003, United States of America; "Method of manufacturing a combined driveshaft tube and yoke assembly"

**APPLICATION FOR THE PATENT OFFICE AT PATENT OFFICE,  
DELHI BRANCH, W-5 WEST PATEL NAGAR, NEW DELHI -110 008.**

**15/7/2004**

New Application No	Applicant Details
1295/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "Novel allelic variant of cyp2C19 associated with drug metabolism."
1296/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "An Novel C6-Substituted farnanoid sugar amino acids and process for preparing the same."
1297/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "A process for the production of alumino-silicate hollow sphere."
1298/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "A process for the preparation of alkali stable cellulase from an alkalothermophilic thermomonospora SP."
1299/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "A process for the preparation of bio-finishing of denims in textile industry."
1300/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Speech recognition enhanced caller identification." (Con. 11/8/2003, United States of America)
1301/DEL/2004	Kaneka Corporation, of 2-4, Nakanoshima 3-chome Kita-Ka Osaka-shi, Osaka 530-8288, JAPAN. "Solar Cell Module." (Con. 12/11/98, 10/3/99, 23/3/99 & 4/6/99, Japan)
1302/DEL/2004	International Business Machine Corporation, of Armonk, New York 10504, USA.. "Information processing apparatus, information Processing system and database search method and program." (Con. 12/8/2003, United States of America)

**16/7/2004**

1303/DEL/2004	Mr. Harendra Kumar Jain, 60, Bahubali Enclave, Karkardooma, Delhi-92.. "An Improved process for production of sugar by way of reduction of concentration of sugar in final molasses."
1304/DEL/2004	Microsoft Corporation, One Microsoft way, Redmong, Washington, USA. "Method and apparatus for identifying semantic structures from text." (Con. 6/10/2003, United States of America)
1305/DEL/2004	Honda Motor Co., Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Floor Structure for motorcycle." (Con. 6/8/2003, Japan)
1306/DEL/2004	Microsoft Corporation, One Microsoft way, Redmong, Washington 98052-6399, USA. "Context-sensitive remote controls." (Con. 15/8/2003, United States of America)
1307/DEL/2004	Microsoft Corporation, One Microsoft way, Redmong, Washington 98052, USA. "Projection of trustworthiness from a trusted environment to an untrusted environment." (Con. 7/8/2003, United States of America)
1308/DEL/2004	Bayer Cropscience AG, Alfred-Nobel-Str. 50, 40789, Monheim, Germany.. "4-Biphenyl-substituted 4-substituted pyrazolidine-3,5-diones." (Con. 14/8/2003, Germany)
1309/DEL/2004	Bayer Cropscience AG, Alfred-Nobel-Str. 50, 40789, Monheim, Germany.. "4-Biphenyl-substituted pyrazolidine-3,5-dione derivatives." (Con. 14/8/2003, Germany)
1310/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Hierarchical in-place menus." (Con. 3/10/2003, United States of America)

1311/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "A novel process for the preparation of (3R,5R)--7-[2-4-Fluorophenyl]-5-Isopropyl-3- - - - -acid hemi calcium salt."
1312/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Novel polymorphic forms of candesartan cilexetil, process for preparation and pharmaceutical compositions thereof."
1313/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Novel polymorph of-zolpidem hemitartrate."
1314/DEL/2004	The Director General, Defence Research & Development Organisation Ministry of Defence, Govt of India, Dte of ER & IPR/IPR Group, 1st Block 8, Wing 1, R.K.Puram, N.Delhi.. "A topical formulation for prevention and management of peripheral vascular diseases and a process of preparation thereof."
1315/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, N.Delhi.. "An oil burner working without oil pump."
1316/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, N.Delhi.. "Fibre fuel distributor."
1317/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, N.Delhi.. "Multi fuel firing bed."
1318/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, N.Delhi.. "Laser spot welding of pure nickel tab on to sintered/impregnated porous nickel electrode."
1319/DEL/2004	Chee Siang Industrial Co. Ltd., No. 32, Wu Chuan 7th Rd., Wu Ku Industrial Area, Wu Ku Hsiang, Taipei Hsien, Taiwan, ROC.. "Material feeding device for cylinder sewing machine."
1320/DEL/2004	Chee Siang Industrial Co. Ltd., No. 32, Wu Chuan 7th Rd., Wu Ku Industrial Area, Wu Ku Hsiang, Taipei Hsien, Taiwan, ROC.. "Opener device for cylinder sewing machine."

19/7/2004

1321/DEL/2004	Mekra Lang GMBH & Co. KG, Schuckerstr. 8-20, 90765, Furth, Germany.. "Light with cameras." (Con. 22/8/2003 & 17/12/2003, Germany)
1322/DEL/2004	Honda Motor Co., Ltd., at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Power Transmission system for vehicle." (Con. 20/8/2003, Japan)
1323/DEL/2004	Honda Motor Co., Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Oil supply device in centrifugal clutch of internal combustion engine." (Con. 26/8/2003, Japan)
1324/DEL/2004	Bose Corporation, The Mountain, Framingham, Massachusetts 01701-9168, USA.. "Wireless Communicating." (Con. 12/8/2003, United States of America)
1325/DEL/2004	Viacor Incorporated, of 115 Liberty Square, Danvers, MA 01923, USA.. "An annuloplasty band and a sizer for sizing a tissue annuloplasty band."
1326/DEL/2004	Uop LLC, at East Algonquin Road, Des Plaines, Illinois 60017-5017, USA.. "Process for synthesizing molecular sieves."
1327/DEL/2004	University of Delhi, at South Campus Benito Juarez Road, New Delhi-110021 and Dhara Vegetable Oil and Foods Company Limited at Om House, First Floor, Ellora Park, Vadodar-390 023.. "Regulation of lethal gene expression in plants."
1328/DEL/2004	Council Of Scientific & Industrial Research, Inadoc Building, 14, Satsang Vihar Marg, New Delhi.. "Use of selected amino acid-zinc complexes as chloroquine resistant anti-malarials."
1329/DEL/2004	Council Of Scientific & Industrial Research, Inadoc Building, 14, Satsang Vihar Marg,

	New Delhi. "Use of phosphono derivatives as anti-malarials."
1330/DEL/2004	Santosh Kumar Pandey, Village Bagha Khurd, Post Laxmi Gang, District Khushi Nagar, UP.. "A herbal composition for the treatment of HIV and a process for preparing the same."
1331/DEL/2004	International Business Machine Corporation, Armonk, New York 10504, USA. "Method, apparatus and program for transliteration of documents in various Indian Languages." (Con. 21/8/2003, United States of America)

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1332/DEL/2004	Purotator India Limited, 38th Milestone, national Highway No. 8, Behrampur-3rd, Khandsa, Gurgaon.. "A fuel filter coalescer element for ground aviation fuel handling equipment."
1333/DEL/2004	Elfaya Embedded Solutions Pvt. Ltd., Opposite IBM Building, TBIU Office, Hauz Khas, IIT Delhi-110016.. "BTaGS."
1334/DEL/2004	Ravindra Pandey, Plot No. 22, Guptashwar Nagar, Sec. No. 7, Hiran Magari, Post Udaipur.. "Car Driving Mechanism for physical handicapped person."
1335/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "Data flow Analysis of Transactional processes." (Con. 25/8/2003, United States of America)
1336/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "System and method for integrating management of resources between application services and applications." (Con. 25/8/2003, United States of America)
1337/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "Improved systems and methods for ranking documents based upon structurally interrelated information." (Con. 18/8/2003, United States of America)
1338/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "System and method for validating hierarchically-organized messages." (Con. 18/8/2003, United States of America)
1339/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "System and methods for determining remote device media capabilities." (Con. 30/9/2003, United States of America)
1340/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "System and method for integrating management of components of a resource." (Con. 25/8/2003, United States of America)
1341/DEL/2004	Multibras S.A. Electrodomesticos, Av. Des Nacoes Unidas, 12.995-32 andar, Sao Paulo-SP, Brazil.. "Pulley mounting arrangement in a laundry machine." (Con. 21/7/2003, Brazil)
1342/DEL/2004	Sulzer Hexis AG, Zurcherstrasse 46, CH-8400 Winterthur, Switzerland.. "High Temperature fuel cell." (Con. 5/9/2003, EP)
1343/DEL/2004	Samsung Electronics Company Ltd., 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea.. "System and method for controlling a mobile terminal using a digital signature." (Con. 12/8/2003, Korea)
1344/DEL/2004	China Petro-Chemical Corporation, 6A Huixindong St. Chaoyang District, Beijing, China and Shanghai Research Institute of Petrochemical Engineering, Sinopec, No. 1599 Pudong Bei Road Pudong New Area, Shanghai, China.. "A catalyst composition for conversion of aromatic hydrocarbons." (Con. 13/11/1997 & 5/6/1997, China)
1345/DEL/2004	Research in Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W6.. "Security



	for mobile communications device." (Con. 22/7/2003, Great Britain)
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**21/7/2004**

1346/DEL/2004	Agouron Pharmaceuticals, Inc., of 10350 North Torrey Pines Road, La Jolla, California 92037, USA.. "A process useful for preparing an antipicornaviral agent."
1347/DEL/2004	Nissel Asb Machine Co., Ltd., of 4586-3 Koo, Komoro-shi, Nagabi-ken Japan.. "An injection stretch blow molding apparatus." (Con. 9/10/1996, Japan)
1348/DEL/2004	Honda Motor Co., Ltd., at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Steering damper device." (Con. 26/8/2003 and 23/3/2004, Japan)
1349/DEL/2004	Honda Motor Co., Ltd., at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Fuel injection control system." (Con. 21/8/2003 & 18/9/2003, Japan)
1350/DEL/2004	Synergy, 206., South Ex. Plaza-I, 389, Masjid Moth, NDSE-II, N. Delhi.. "Colour deficiency detection and correction kit."
1351/DEL/2004	Rolex S.A., 3-5-7, rue Francois Dussand, CH 1211, Geneve, Switzerland.. "Linking device between A rim and A case of A watch." (Con. 3/9/2003, EP)

**22/7/2004**

1352/DEL/2004	Bayer Chemicals AG, 51368, Leverkusen, Germany.. "Enantiomerically enriched 1-Phenylethylamines." (Con. 7/8/2003, Germany)
1353/DEL/2004	Honda Motor Co. Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Direct injection type internal combustion engine." (Con. 29/8/2003, Japan)
1354/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA.. "Providing SCSI device access over a network." (Con. 21/8/2003, United States of America)
1355/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA.. "Software-sided storage device emulation in a physical storage device." (Con. 29/8/2003, United States of America)
1356/DEL/2004	Honda Motor Co. Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Parking brake structure." (Con. 27/8/2003, Japan)
1357/DEL/2004	R.A.R. Consultants Ltd., 1096 West 10th Avenue, Vancouver, British Columbia, Canada V6H 1H8.. "A method of securing an architectural finish element to a surface ultimately formed by a castable material cast about a mesh material."
1358/DEL/2004	General Electric Aviation Service Operation (PTE) Ltd., No. 23 Loyang Way, Singapore 508725.. "Upgrading aluminide coating on used turbine engine component." (Con. 11/8/2003, United States of America)

**23/7/2004**

1359/DEL/2004	Vinesh Bhargava, R/o 7/275, Housing Board Hanumangarh, JN.335512, Rajasthan.. "Improved process for supply of water to desert cooler and to multi desert cooler."
1360/DEL/2004	Nagendra Singh Bais, 201, Basera Society, Plot No. GH-78, , Sector-56, Gurgaon.. "Vehicle Auto Lift."
1361/DEL/2004	Shri Gaurdham Trust (Regd.) Shri Radhakund-281-504, Distt. Mathura, U.P.. "An improved power loom."
1362/DEL/2004	Gilead Sciences, Inc., 333, Lakeside Drive, Foster City, California 94404, USA.

	"Nucleotide analog composition and method of preparation thereof." (Con. 25/7/1997, United States of America)
1363/DEL/2004	Honda Motor Co., Ltd., at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Connection structure between plastic gear and shaft." (Con. 17/9/2003, Japan)
1364/DEL/2004	Sedepro, of 230, rue lecourbe, 75015, paris, France.. "Tire having circumferential cables for anchoring the carcass and process of preparing such cables." (Con. 29/6/1995, France)
1365/DEL/2004	Sedepro, of 230, rue lecourbe, 75015, paris, France.. "Tire having circumferential cables for anchoring the carcass and process of preparing such cables." (Con. 29/6/1995, France)
1366/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Computer aided query to task mapping." (Con. 10/10/2003, United States of America)
1367/DEL/2004	Vinay Kumar Chhabra, Superintending Chemist, P.H.E.D., Laboratory, Gulab Bagh, Udaipur-313001, Rajasthan.. "Chhabra's hand pump attachable disinfection plant."

26/7/2004

1368/DEL/2004	The Director General, Defence Research & Development Orgn. Ministry of Defence, Govt. of India, West Block VIII, Wing-1, Sector-1, R.K.Puram, N.Delhi.. "A process for the preparation of aluminium-zinc-magnesium-manganese-zirconium-scandium alloy having improved stress corrosion cracking resistance."
1369/DEL/2004	The Director General, Defence Research & Development Orgn. Ministry of Defence, Govt. of India, West Block VIII, Wing-1, Sector-1, R.K.Puram, N.Delhi.. "A process for the preparation of Aluminium-zinc-magnesium-copper-zirconium-silver alloy having improved weldability."
1370/DEL/2004	The Director General, Defence Research & Development Orgn. Ministry of Defence, Govt. of India, West Block VIII, Wing-1, Sector-1, R.K.Puram, N.Delhi.. "A process for the preparation of Aluminium-zinc-magnesium-manganese-zirconium-silver alloy having improved stress corrosion cracking resistance."
1371/DEL/2004	Bharat Explosives Limited, Indraprasth 2nd floor, 21-Barakhamba Road, N.Delhi.. "Water in oil emulsion explosives and a process for preparing and packing the same."
1372/DEL/2004	Andrew Corporation, 10500 West 153rd Street, Orland Park IL 60462, US. "Coaxial connector with positive stop clamping nut attachment." (Con. 30/9/2003, United States of America)
1373/DEL/2004	KSB S.A.S., 4 allée des Barbanniers, 92230 Gennevilliers, France.. "Device for placing two conduits in communication, having destruction means." (Con. 14/8/2003, France)
1374/DEL/2004	Bayer Chemicals AG, 51368, Leverkusen, Germany.. "Process for the preparation of non-microencapsulated monodisperse bead polymers." (Con. 26/8/2003, Germany)
1375/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "A system and method for providing High-quality stretchinng and compression of a digital audio signal." (Con. 10/9/2003, United States of America)
1376/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA.. "Method of noise reduction using instantaneous signal-to-noise ratio as the principal quantity for optimal estimation." (Con. 19/8/2003, United States of America)
1377/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA.. "Method and apparatus using harmonic-model-based front end for robust speech recognition." (Con. 25/8/2003, United States of America)



1378/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Method and apparatus for vocal tract resonance tracking using nonlinear predictor and target-guided temporal constraint." (Con. 29/8/2003, United States of America)
1379/DEL/2004	Apollo International Limited, Apollo House No. 7, Institutional Area, Sector 32, Gurgaon 122001, Haryana.. "One pot process for amorphous atorvastatin calcium."
1380/DEL/2004	E.C.H. Will GmbH, Nedderfeld 100, 22529 Hamburg, Germany.. "Apparatus for transverse conveyance of reams." (Con. 1/8/2003, EP)
1381/DEL/2004	Zimmer AG, Borsigallee 1, 60338 Frankfurt am main, de Germany.. "Method of producing fine fibres." (Con. 21/8/2003, Germany)
1382/DEL/2004	Betula Schuh GmbH, of Industriestrasse, D-53562 St. Katharine, Germany.. "Shoe Bottom." (Con. 19/3/2003, Germany)
1383/DEL/2004	Emory University, of 2009, Ridgewood Drive, Atlanta, GA 30322, USA. "Dna Enclding the amino Acid sequence of pol 1212." (Con. 10/3/2000, United States of America)

## 27/7/2004

1384/DEL/2004	Samsung Electronics Company Ltd., 416 Maetan-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, Korea.. "Scrolling unit, color illuminating system, and projection system using the scrolling unit."
1385/DEL/2004	STMicroelectronics Pvt. Ltd., Plot No. 2,3 & 18, Sector 16A, Institutional Area, Noida-2013001, UP. "Digital Circuit in FPGA for reducing reaback time."
1386/DEL/2004	TMT Machinery, Inc., 6th Fl., Osaka Green Bldg., 2-6-26, Kitachama, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan.. "Textile machinery." (Con. 22/8/2003, Japan)
1387/DEL/2004	STMicroelectronics Pvt. Ltd., Plot No. 2,3 & 18, Sector 16A, Institutional Area, Noida-2013001, UP. "Method and apparatus for multiplexing an integrated circuit pin."

## 28/7/2004

1388/DEL/2004	BP Chemicals Limited, of Britannic House, 1 Finsbury Circus, London EX2M 7BA, UK.. "A catalyst composition for the selective oxidation of ethane." (Con. 16/10/2001 and 13/8/2002, Great Britain)
1389/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA. "Label system-translation of text and multi-language support at runtime and design." (Con. 30/9/2003, United States of America)
1390/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA. "Method and system for web-based event notification." (Con. 6/10/2003, United States of America)
1391/DEL/2004	Sh. Suresh Chawla, B-1/411, Janak Puri, New Delhi-110058. "Solar Disc/Solar Reflector System."
1392/DEL/2004	Sh. Suresh Chawla, B-1/411, Janak Puri, New Delhi-110058. "Hydraulic Energy Generator."
1393/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Synthetic process for preparation of highly pure galantamine or pharmaceutically acceptable salt thereof."
1394/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Improved process for the prepration of sertraline hydrochloride."
1395/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Process for prepration of ziprasidone hydrochloride."

1396/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "A process for preparing tablets containing high irbesartan content."
1397/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "A process for preparation of stable pharmaceutical compositions of nateglinide."
1398/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Ibuprofen-containing soft gelating capsules and process for preparing the same."
1399/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Antibacterial agents."
1400/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Ketolide derivatives as antibacterial agents."
1401/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Adrenergic receptor antagonists."
1402/DEL/2004	Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, N.Delhi.. "A mechanized system for continuous production of chhana balls."
1403/DEL/2004	Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, N.Delhi.. "Process for low-fat frozen dessert using starch hydrolysate."
1404/DEL/2004	Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, N.Delhi.. "A novel process of solid fermentation of bio-agent trichoderma harzianum using organic materials for the large scale production of a bio-pesticide."
1405/DEL/2004	The Director General, Defence Research & Development Organisation Ministry of Defence, Govt of India, West Block-VIII, Wing-1, Sector-1, R.K.Puram, N.Delhi.. "A biodigester for degradation of human waste at high altitude."
1406/DEL/2004	The Director General, Defence Research & Development Organisation Dte of ER & IPR, IPR Group, West Block-VIII, Wing-1, Sector-1, R.K.Puram, N.Delhi.. "A process for the preparation of reinforced ceramic matrix composites having both the advantages of high strength and high fracture toughness."

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1407/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "Reduced size eight-pin audio jack electrical connector." (Con. 26/8/2003, United States of America)
1408/DEL/2004	Arvinmeritor Technology, LLC, 2135 West Maple Road, Troy, Michigan 48064, USA. "One piece elastomer relief and anti-drain back valves for fluid filter." (Con. 22/8/2003, United States of America)
1409/DEL/2004	Arvinmeritor Technology, LLC, 2135 West Maple Road, Troy, Michigan 48064, USA. "Fuel filter diverter." (Con. 5/8/2003, United States of America)
1410/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA. "System and method for implementing a flat audio volume control model." (Con. 19/8/2003 & 30/6/2004, United States of America)
1411/DEL/2004	Nitto Denko Corporation, 1-2, Shimo-hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan.. "Adhesive sheet for steel plate." (Con. 8/8/2003, Japan)
1412/DEL/2004	Sanjay Attrl, #12, Nittr Campus, Sector-26, Chandigarh-160019, India.. "Microcontroller based system development board with ISP capability."
1413/DEL/2004	STMicroelectronics Pvt. Ltd., Plot No. 2,3 & 18, Sector 16A, Institutional Area, Noida-2013001, UP. "A Macro-block level parallel implementation of video decoder."
1414/DEL/2004	Minda Industries Ltd., Vill. Nawada Fatehpur P.O., Sikanderpur Badha, Distt. Gurgaon-

	122001, Haryana, India.. "A turn signal device with auto cancellation features."
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30/7/2004

1415/DEL/2004	Purotator India Limited, 38th Milestone, National Highway No. 8, Behrampur Road, Khandwa, Gurgaon.. "A water separator for aviation fuel."
1416/DEL/2004	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA. "Low static conditioning shampoo." (Con. 16/1/1996, United States of America)
1417/DEL/2004	Exxonmobil Research and Engineering Company, P O Box 390, Florham Park, New Jersey 07932, USA. "Polymer nanocomposite formation by emulsion synthesis." (Con. 23/6/1996, United States of America)
1418/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98062, USA. "System, method and apparatus for media computing device remote control." (Con. 30/6/2003 & 30/6/2004, United States of America)
1419/DEL/2004	Honda Motor Co. Ltd., 1-1, Minamioyama 2-chome, Minato-ku, Tokyo, Japan. "Rear lamp unit for vehicle." (Con. 4/9/2003, Japan)
1420/DEL/2004	Thomson Licensing S.A., 48 Quai A. Le Gallo, 92100 Boulogne Billancourt,, France. "Method for detecting source status changes during time-shift recording." (Con. 1/8/2003, EP)
1421/DEL/2004	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA. "Ultramild aqueous cleansing compositions." (Con. 1/8/1996, United States of America)
1422/DEL/2004	University of Delhi, Dept of Plant Molecular Biology, South Campus, Benito Juarez Road, N.Delhi.. "RTBV Plant promoter and process thereof."
1423/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi. "Pyrrole[2,1-C] benzodiazepine anthraquinone conjugates useful as antitumour agents."
1424/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi. "(R) and (S)-2-aryl/2,3-diaryl-4/8-hydroxy-cyclopentenones and their derivatives and process for resolution thereof."
1425/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi. "A process for the preparation of novel rhodium carbonyl complexes of nitrogen oxygen donors based ligands."
1426/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi. "A process for the production of wear resistant ceramic liners."
1427/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi. "A process for biological abatement of Iron from hydrometallurgical leach liquor."
1428/DEL/2004	Mr. Ram Mohan, E-8, Ekta Apartments, Saket, N.Delhi and other. "Improvement of air flow in safety helmet employing the venturi effect."

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	01303/DELNP/2004 Dt : 17/05/2004	PCT/US02/36025 Dt : 08/11/2002	60/337,948 dt. 9/11/2001 USA	United States of America	BioMedicines, Inc., 2000 Powel Street, Suite 1640, Emeryville, CA 94608, USA	Method for treating diseases with omega interferon.	A61K 38/21
2	01304/DELNP/2004 Dt : 17/05/2004	PCT/US02/35628 Dt : 06/11/2002	10/045,224 dt. 9/11/2001 USA	United States of America	OMS Investments, Inc., 10250, Constellation Boulevard Suite 2800 Los Angeles, California 90067-6228, USA	Plant growth media and processes for production thereof and compositions for use therein.	A01G 7/00
3	01305/DELNP/2004 Dt : 17/05/2004	PCT/JP02/11223 Dt : 29/10/2002	2001-360545 dt. 27/11/2001 Japan.	Japan	Matsushita Electric Industrial Co. Ltd., 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501, Japan.	Recording medium and copy apparatus.	G11B20/00
4	01306/DELNP/2004 Dt : 17/05/2004	PCT/FR02/03458 Dt : 11/10/2002	01/13322 dt. France.	France	Agbegnenou Victor Kossikouma, 97 rue des Bas, F-92600 Asnieres, France and Salaun Christian, 13 rue Jean Brunet, F-92190 Meudon.	Wireless multipurpose communication system.	H04L 12/56

5	01307/DELNP/2004 Dt: 17/05/2004	PCT/EP02/11266 Dt: 08/10/2002	01203902.0 dt. 16/10/2001 EP	Swaziland	France. Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Use of Cystathionine.	A23L 1/305
6	01308/DELNP/2004 Dt: 17/05/2004	PCT/US2002/0373 92 Dt: 21/11/2002	09/998,345 & 10/299,745 dt. 30/11/2001 & 19/11/2002 US	United States of America	Evovis, Inc., 7th Floor, 130 Seventh Street, Pittsbuh, PA 15222 USA	Improved system for converting and delivering multiple subscriber data requests to remote subscribers.	
7	01309/DELNP/2004 Dt: 17/05/2004	PCT/ZA02/00161 Dt: 17/10/2002	2001/8498 dt. 17/10/2001 South Africa.	South Africa	Dyson, Roberick, mark 48 Meadoway, Kelvin, Sandton, Gauteng 2054, South Africa and other	Security Apparatus.	G07D 9/00
8	01310/DELNP/2004 Dt: 17/05/2004	PCT/EP02/13177 Dt: 21/11/2002	0127913.2 dt. 21/11/2001 GB	United Kingdom	Elan Vital (UK) Ltd., 1C Silver Yard, Orton, Penrith, Cumbria CA 10 3RQ, UK.	Fluid analyser systems.	G01N 21/76
9	01311/DELNP/2004 Dt: 17/05/2004	PCT/US02/40653 Dt: 19/12/2002	60/342,725 dt. 20/12/2001 US	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, US	Fabric article treating method and apparatus.	D06F /00
10	01312/DELNP/2004 Dt: 17/05/2004	PCT/FR02/04036 Dt: 25/11/2002	01/15378 dt. 28/11/2001 France.	France	Valois SAS B.P.G., Le prieure, F- 27110 Le	A fluid dispenser pump and a fluid dispenser device incorporating such a pump.	B05B 11/00

11	01313/DELNP/2004 Dt: 17/05/2004	PCT/NL02/00746 Dt: 18/11/2002	1019393 dt. 18/11/2001 Netherlands.	Netherlands	Neubourg, France. Sara Lee/De N.V., Keulestade 143, 3532 AA Utrecht, Netherlands.	Device with toilet care action.	E03D 9/03
12	01314/DELNP/2004 Dt: 17/05/2004	PCT/IB02/05385 Dt: 11/12/2002	PCT/IB01/02520 dt. 13/12/2001 IB	Swaziland	Firmenich SA, 1, route des Jeunes, P.O. Box 239, 1211 Geneva 8, Switzerland.	Compounds for a controlled release of active molecules.	A61K
13	01315/DELNP/2004 Dt: 17/05/2004	PCT/EP02/13180 Dt: 22/11/2002		Belgium	Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse, Belgium.	The Use of anti-histaminics for acute reduction of elevated intracranial pressure.	C07D 519/00
14	01316/DELNP/2004 Dt: 17/05/2004	PCT/IB02/04599 Dt: 18/10/2002	09/981,750 dt. 19/10/2001 USA	France	Universite Paris 7- Denis Diderot, 2, Place, Jussieu, 75005, Paris, France and Centre National De La Recherche Scientifique (CNRS) 3, rue Michel Ange, 75016, Paris, France.	Method of producing human beta cell lines.	C12N 5/00
15	01317/DELNP/2004 Dt: 17/05/2004	PCT/AU02/01504 Dt: 11/11/2002	PR 8953 dt. 19/11/2001 Australia.	Australia	Metal Storm Limited, Level 34, 345 Queen Street, Brisbane,	Belt-fed machine gun.	F41F 1/10

16	01318/DELNP/2004 Dt: 17/05/2004	PCT/EP02/14080 Dt: 06/12/2002	0129339.8 & 0104283.7 dt. 7/12/2001 & 18/12/2001 UK & Sweden.	Sweden	Queensland 4000, Australia. Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	Lawful Interception of end-to- end encrypted data traffic.	H04L 9/00
17	01319/DELNP/2004 Dt: 17/05/2004	PCT/US02/38120 Dt: 01/01/1900	10/028599, Dt. 20/12/2001, USA	United States of America	Fuelcell Energy, Inc., 3 Great Pasture Road, Danbury, CT 06813-1305, USA	Anode support for carbonate fuel cells	H01M 4/88
18	01320/DELNP/2004 Dt: 17/05/2004	PCT/US02/38182 Dt: 27/11/2002	60/334316, 60/354939, 10/262965, 10/263192, Dt. 29/11/2001, 11/02/2002, 03/10/2002, 03/10/2002, USA	Israel	Teva Pharmaceutical Industries, Ltd., 5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel	Methods for the purification of levofloxacin	A61K
19	01321/DELNP/2004 Dt: 17/05/2004	PCT/CN01/01577 Dt: 21/11/2001		China	The Chinese University of Hongkong, Shatin, NT, Hong Kong, (China)	compositions comprising organic extracts of geum japonicum thunb var. and the use thereof	A61K 35/78
20	01322/DELNP/2004 Dt: 17/05/2004	PCT/FI2002/00093 8 Dt: 21/11/2002	U20010442, Dt. 21/11/2001, Finland	Finland	Soumen Intech Oy Olinmaentie 43, FI-06110 Pamalahti, Finland	Sealing structure for the clutch/bearing housing of a roller, such as an output roller	F16C 33/78
21	01323/DELNP/2004 Dt: 17/05/2004	PCT/IL02/00830 Dt: 21/11/2002	60/331780, Dt. 21/11/2001, USA	Israel	Yeda Research And Development bCo., Ltd., Weizmann Institute	Process for the manufacture of human mononuclear phagocytic leukocytes	C07K

22	01324/DELNP/2004 Dt : 17/05/2004	PCT/KR2003/0010 72 Dt : 30/05/2003	10-2002-0052556, Dt. 02/09/2002, Republic of Korea	Republic of Korea	of science, P.O. Box 95, 76100 Rehovot, Israel  Posco, 1 Koedong- dong, Nam-ku, 790-300 Pohang-si, Kyungsangbook- do, Republic of Korea, & Research Institute of Industrial Science & Technology, San 32, Hyoja-dong, Nam-ku, 790-330 Pohang-si, Kyungsangbook- do, Republic of Korea	coal briquettes for smelting reduction process, and method for manufacturing the same	C10L 5/48
23	01325/DELNP/2004 Dt : 18/05/2004	PCT/KR2003/0019 70 Dt : 26/09/2003	2002-59419 dt. 30/9/2002 Korea.	Korea	Samsung Electronics Co. Ltd., 416, Maetan- dong, Yeongtong- gu, Suwon-si, Gyeonggi-do, Korea.	Method and apparatus for receiving and deshuffling shuffled data in a high-rate packet data telecommunication system.	H04L 27/26
24	01326/DELNP/2004 Dt : 18/05/2004	PCT/US02/38247 Dt : 29/11/2002	60/334,395 & 60/384,916 dt. 29/11/2001 & 24/5/2002 USA	United States of America	Emisphere Technologies, Inc., 765 Old Saw Mill River Road, Tarrytown, NY 10591, USA	Formulations for oral administration of crompolyn sodium.	A61K
25	01327/DELNP/2004	PCT/KR02/02261	2001-75192 & 2001-	Korea	Samsung	Apparatus and method for	H04L 12/56



	Dt : 18/05/2004	Dt : 30/11/2002	78320 dt. 30/11/2001 & 11/12/2001 Korea.	Electronics Co. Ltd., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea.	transmitting and receiving data on packet data control Channel.	
26	01328/DELNP/2004 Dt : 18/05/2004	PCT/AU02/01399 Dt : 15/10/2002	PR 8347 & PR 9396 dt. 18/10/2001 & 7/12/2001 Australia.	WDT(Engineers) Pty. Ltd., 124 Ingram Road, Acacia Ridge, Queensland, 4110, Australia.	Continuous Centrifuge.	B04B 7/08
27	01329/DELNP/2004 Dt : 18/05/2004	Dt : 01/01/1900		Minrad Inc., 847 Main Street, Buffalo, Ny 14203, USA	Drug Delivery system for conscious sedation.	A61M 5/00
29	01330/DELNP/2004 Dt : 18/05/2004	PCT/EP02/13562 Dt : 29/11/2002	60/334,353 dt. 30/11/2001 USA	Shell Internationale Research Maatschappij B.V., Carel van Bylandtlaan 30, NL-2596 HR The Hague, The Netherlands.	Process and apparatus for crystallization of Polytrimethylene Terephthalate (PTT).	C08G 3/88
30	01331/DELNP/2004 Dt : 18/05/2004	PCT/US02/36412 Dt : 14/11/2002	2764-2001 dt. 15/10/2001 Chile.	Micro Algae Corporation, 350 E. Las Olas Boulevard, Suite 1700, Fort Lauderdale, FL33301, USA	Pharmaceutical compositions containing 3,4-propinoperhydropurines and uses thereof for blocking neuronal transmission.	A61K 31/505
31	01332/DELNP/2004	PCT/US02/39363	60/339,966 &	Exxonmobil	Elastomeric compositions.	C08F 08/22

	Dt : 18/05/2004		Dt : 09/12/2002	60/381,326 dt. 10/12/2001 & 17/5/2002 USA	States of America	Chemical Patents Inc., 5200 Bayway Drive, Baytown, Texas 77520-2101, USA	
32	01333/DELNP/2004	PCT/US02/39188		60/339,966 & 60/389,598 dt. 10/12/2001 & 18/6/2002 USA	United States of America	Exxonmobil Chemical Patents Inc., 5200 Bayway Drive, Baytown, Texas 77520-2101, USA	Elastomeric compositions.  C08F 08/20
33	01334/DELNP/2004	PCT/US02/39433		60/339,966 dt. 10/12/2001 USA	United States of America	Exxonmobil Chemical Patents Inc., 5200 Bayway Drive, Baytown, Texas 77520-2101, USA	Elastomeric compositions.  C08L 27/00
34	01335/DELNP/2004	PCT/US02/38559		60/339,085 dt. 10/12/2001 US	United States of America	Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and province Line Road, Princeton, Line Road, Princeton, New Jersey 08543- 4000, USA	Synthesis of 4,5-Dihydro- Pyrazolo [3,4-C] pyrid-2-ones.  A61K
35	01336/DELNP/2004	PCT/US02/35946		09/992,725 dt. 14/11/2001 US	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052,	Method and apparatus for enumeration of a multi-node computer system.  G06F 11/22
	Dt : 18/05/2004		Dt : 08/11/2002				

36	01337/DELNP/2004 Dt: 18/05/2004	PCT/US02/36853 Dt: 14/11/2002	10/002,469 dt. 14/11/2001 US	United States of America	USA Aerocast. Com. Inc., 5744 Pacific Center Boulevard, Suite 301, San Diego, California 92121, USA	Quality of Service Control of Streamed content delivery.	G06F 15/173
37	01338/DELNP/2004 Dt: 18/05/2004	PCT/US02/35920 Dt: 26/10/2001	10/011,385 dt. 12/11/2001 US	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Method and apparatus for sideband read return header in memory interconnect.	G06F 13/16
38	01339/DELNP/2004 Dt: 18/05/2004	PCT/US02/36040 Dt: 07/11/2002	10/010,994 t. 12/11/2001 US	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Method and apparatus for read launch optimizations in memory interconnect.	G06F 13/16
39	01340/DELNP/2004 Dt: 18/05/2004	PCT/GB02/05303 Dt: 25/11/2002	0129267.1 dt. 6/12/2001 GB	Swaziland	Syngenta Limited, European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2, 7YH, UK and Syngenta Participations AG, Schwarzwaldallee 215, CH-4058 Basel, Switzerland.	Pyridyloxyalkanoic acid amide derivatives useful as fungicides.	C07D 213/65
40	01341/DELNP/2004	PCT/GB02/05015	0126578.4 dt. 5/11/2001	United	DE La Rue	Paper incorporating a wide	D21F 1/44



44	01345/DELNP/2004 Dt: 18/05/2004	PCT/US02/33306 Dt: 17/10/2002	09/682,804 dt. 19/10/2001 USA	United States of America	Regents of the University of California, 1111 Frankling Street, Twelfth Floor, Oakland, California 94607-5200, USA	Portable alarm system that interfaces with an individual's personal radio.	G08B 1/08
45	01346/DELNP/2004 Dt: 19/05/2004	PCT/EP02/13036 Dt: 21/11/2002	101 57 650.1 dt. 26/11/2001 Germany	Denmark	Linak A/S Smedevænget 8, Guderup, DK-6430 Nordborg Denmark.	Electromotive furniture actuator for adjusting parts of a piece of furniture relative to each other.	
46	1347/DELNP/2004 Dt: 19/05/2004	PCT/US02/37399 Dt: 21/11/2002	60/332,202 dt. 21/11/2001 US	United States of America	Alphacom, 8000 Manna Blvd., Suite 120, Brisbane, California 94005, US	Method and apparatus for removing noise from electronic signals.	H01N 5/217
47	1348/DELNP/2004 Dt: 19/05/2004	PCT/US02/38322 Dt: 02/12/2002	10/036,604 & 10/027,626 dt. 21/12/2001 USA	United States of America	Milliken & Company, 920 Milliken Road, Spartanburg, SC 29303, USA	Low-shrink polypropylene tape fibers and methods of production thereof.	D02G 3/00
48	1349/DELNP/2004 Dt: 19/05/2004	PCT/US02/30927 Dt: 30/09/2002	10/015,872 & 10/015,305 dt. 12/12/2001 USA	United States of America	Milliken & Company, 920 Milliken Road, Spartanburg, SC 29303, USA	Thermoplastic articles exhibiting high surface-available silver.	A61K 31/47

49	1350/DELNP/2004 Dt: 19/05/2004	PCT/EP02/12825 Dt: 19/11/2002	101 56 571.2 dt. 20/11/2001 Germany.	Germany	GTP-Schaefer Gesellschaft Produkte GmbH, Benzstr. 15, 41515, Grevenbrunn, Germany.	Feeder insert having protective cap.	B22C 9/08
50	1351/DELNP/2004 Dt: 19/06/2004	PCT/EP02/13709 Dt: 04/12/2002	01/15888 dt. 7/12/2001 France.	Switzerland	Societe De Technologie Michelin, 23, rue Breschet, F-83000 Clermont-Ferrand, France and Michelin Recherche ET Technique S.A., Route Louis Braille 10 et 12, CH-1763, Granges-Paccot, Switzerland.	Method for preparing butadiene/isoprene copolymers and resulting copolymers.	C08F 236/04
51	1352/DELNP/2004 Dt: 19/05/2004	PCT/US02/30852 Dt: 03/09/2002	10015,878 dt. 12/12/2001 US	United States of America	Miliken & Company, of 920 Miliken Road, Spartanburg, SC 20303, USA	Colored antimicrobial vulcanized rubber articles.	C08K 3/10
52	1353/DELNP/2004 Dt: 19/05/2004	PCT/US02/37306 Dt: 20/11/2002	09/994,133 DT. 26/11/2001 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898, USA	Process for preparing 3,3, 5,5 6,6-Hexaalkyl-2,2-Biphenols, 3,3,4,4 5,5-Hexaalkyl-2,2- Biphenols and 3,3,4,4 5,5 6,6- Octaalkyl-2,2 Biphenols.	C07C 39/15
53	1354/DELNP/2004	PCT/IT02/00740	RM01A000688 dt.	Italy	Universita Di Roma	Immunoregulator Compunds.	A61K 7/48



			21/11/2001 IT.		"Tor Vergata", of Divisione II- Riparstizione II, Settore IV, Via Orazio Ramundo, 18, 00173 Roma, Italy.	
	Dt : 19/05/2004	Dt : 21/11/2001				
54	1355/DELNP/2004	PCT/GB02/05381	0128692.1 dt. 30/11/2001 GB	United Kingdom	B & H Research Limited, 11 Austin Street, Stamford, Lincolnshire PE9 2QR, UK.	Formation of sheet material using hydroentanglement.  D04H 1/46
	Dt : 20/05/2004	Dt : 29/11/2002				
55	1356/DELNP/2004	PCT/FR02/03954	01/15003.dt. 20/11/2001 France.	France	Valois S.A.S., B.P.G., Le Preure, F-27110 Le Neubourg, France.	A laterally-actuated spray device.  B65D 83/16
	Dt : 20/05/2004	Dt : 19/11/2002				
56	1357/DELNP/2004	PCT/GB02/05199	0127805.0 dt. 20/11/2001 GB	United Kingdom	Smithkline Beecham P.L.C., 980 Great West Road, Brentford, Middlesex TW8 9GS, UK.	5-[4-{2-[N-Methyl-N-{2- Pyridylamido}Ethoxy/Benzyl}T hiazolidine-2,4- dione and pharmaceutical compositions comprising the same.  C07D 413/12
	Dt : 20/05/2004	Dt : 19/11/2002				
57	1358/DELNP/2004	PCT/US02/39637	60/340,631 dt. 12/12/2001 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19806, USA	Copper deposition using copper formate complexes.  C07C 29/154
	Dt : 20/05/2004	Dt : 12/12/2002				
58	1359/DELNP/2004	PCT/CH01/2891		Switzerlan d	Synthes Ag Chur, of Grabenstrasse 15, CH-7002 Chur,	Bone Screw.



64	1365/DELNP/2004 Dt : 20/05/2004	PCT/JP01/10141 Dt : 20/11/2001	Japan	Japan Science and Technology Agency, 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012, Japan and other	Recombinant vaccinia virus vaccine.	A61K 39/285
65	1366/DELNP/2004 Dt : 20/05/2004	PCT/US02/37270 Dt : 20/11/2002	United States of America	Pharmacia Corporation, 700 Chesterfield Parkway West, Chesterfield, Missouri 63017-1732, USA	Chemically modified human growth hormone conjugates.	C07K 14/61
66	1367/DELNP/2004 Dt : 20/05/2004	PCT/US02/34786 Dt : 29/10/2002	United States of America	General Electric Company, One River Road, Schenectady, New York, 12345, USA	System and method for purifying cumene hydroperoxide cleavage products.	C07C 37/86
67	1368/DELNP/2004 Dt : 20/05/2004	PCT/US02/38867 Dt : 06/12/2002	United States of America	Fibrogen, Inc., 225 Gateway Boulevard, Sough San Francisco, CA 94080, USA	Stabilization of Hypoxia Inducible factor (HIF) alpha.	A61K
68	1369/DELNP/2004 Dt : 20/05/2004	PCT/US02/39163 Dt : 06/12/2002	United States of America	Fibrogen, Inc., 225 Gateway Boulevard, Sough San Francisco, CA 94080, USA	Method of increasing endogenous erythropietin (EPO).	C07K
69	1370/DELNP/2004	PCT/US2002/0382	United	University of	Novel proteins in	C12N

35		60/398,775 dt. 30/11/2001 & 26/7/2002 US	States of America	Maryland, Baltimore, 520 West Lombard Street, Baltimore, MD 21201, USA	enteroaggregative escherichia coli (EAEC) useful for diagnosis and therapy of eaec infections.
70	1371/DELNP/2004 Dt : 21/05/2004	PCT/RU02/00296 Dt : 07/06/2002		Graevenitz, Alexandr Alexandr Alexandrovich, 194017, Saint- Petersburg, Pr. Morisa Toreza, d.98 kv. 33 Russia.	Building structure, method and device for producing said building structure. B28B 21/42
71	1372/DELNP/2004 Dt : 21/05/2004	PCT/HU02/00112 Dt : 01/01/1900	Hungary	Zoltan Dardai, Erdokerulo ut 27, H-1157 Budapest, Hungary	Aspirin-containing transdermal pharmaceutical composition for the treatment of calcification
72	1373/DELNP/2004 Dt : 21/05/2004	PCT/GB02/05046 Dt : 07/11/2002	England	Dermot Patrick Monaghan, 227 Blackburn Road, Wheulton, Near Chorley, Lancashire PR6 8EY, England & Victor Bellido- Gonzalez, 30 Thingwall Hall Drive, Liverpool L14 5PF, England	Magnetron sputtering device H01J 37/34
73	1374/DELNP/2004 Dt : 21/05/2004	PCT/GB02/05415 Dt : 29/11/2002	England	BP Chemicals Limited, Chertsey Road, Sunbury on Thames, Middlesex	Oxidation process in fluidised bed reactor C07C 51/215

74	1375/DELNP/2004 Dt : 21/05/2004	PCT/IB02/04922 Dt : 22/11/2002	0129395.0, Dt. 07/12/2001, GB	United States of America	England Pfizer Inc. 235 East 42nd Street, New York, New York 10017, USA	Pharmaceutical composition	A61K 31/44
75	1376/DELNP/2004 Dt : 21/05/2004	PCT/SE02/02123 Dt : 22/11/2002	0103932-0, 0104385.0, 0201713.5, Dt.23/11/2001, 21/12/2001, 06/06/2002, Sweden	Sweden	Essentys AB, Ideon, Scheelevägen 17, SE-223 70 Lund, Sweden	Use of glutamate, glutamate derivatives or metabolites, glutamate analogues or mixtures thereof for the manufacture of a composition for the treatment of osteoporosis	A61K 31/198
76	1377/DELNP/2004 Dt : 21/05/2004	PCT/SE02/02221 Dt : 03/12/2002	0104140-9 dt. 7/12/2001 Sweden.	Sweden	AstraZeneca AB, S-151 85 Södertälje, Sweden.	Pyrimidine Derivatives as modulators of insulin-like growth factor-1 receptor(IF-I).	C07D 219/48
77	1378/DELNP/2004 Dt : 21/05/2004	PCT/SE02/01983 Dt : 01/11/2002	0104012.0 dt. 29/11/2001 Sweden.	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	Two Fixed-Beams TX- Diversity.	H01Q 1/24
78	1379/DELNP/2004 Dt : 21/05/2004	PCT/US02/36902 Dt : 15/11/2002	10/003775, Dt. 26/11/2001, USA	United States of America	Dan L. Dietz Trust, 10234 Emerald Drive, Houston, Texas 77074, USA	Clasp for eyeglasses	G02C 5/14
79	1380/DELNP/2004 Dt : 21/05/2004	PCT/EP02/13649 Dt : 03/12/2002	2001 2216/01 dt. 5/12/2001 Switzerland.	Swaziland	Rhodia Industrial Yarns AG, 6021 Emmenbrücke, CH-6021, Emmenbrücke,	Process for manufacturing polypropylene monofilaments, polypropylene monofilaments and their use.	D01 F 6/46

80	1381/DELNP/2004 Dt : 21/05/2004	PCT/JPO2/12183 Dt : 21/11/2002	2001-355896 dt. 21/11/2001 Japan.	Japan	Switzerland. Mitsubishi Chemical Corporation, 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014, Japan and Kaoru Saigo, 4-31-7, Izumi, Suginami-ku, Tokyo 168-0063, Japan.	Method of inhibiting gene expression.	C-12N 15/00
81	1382/DELNP/2004 Dt : 21/05/2004	PCT/US02/37910 Dt : 25/11/2001	09/995338, 27/11/2001, USA	United States of America	Motorola, Inc. 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System for providing continuity between messaging clients and method therefor	G06F 11/30
82	1383/DELNP/2004 Dt : 21/05/2004	PCT/US01/45097 Dt : 30/11/2001		United States of America	Power Systems Mfg., LLC, 1440 West Indiantown Road, Suite 200, Jupiter, FL 33458, USA	Combustion chamber/venturi cooling for a low nox emission combustor.	
83	1384/DELNP/2004 Dt : 21/05/2004	PCT/AU02/01648 Dt : 28/11/2002	PR 9206, Dt 29/11/2001, Australia, 951871/01, Dt., 07/10/2002, Ukraine	Australia	Bell, Glenda Fay, 4 Horsham Crescent, Alfredton, 3350, Victoria, Australia	Moulding composition	B29C 33/38
84	1385/DELNP/2004 Dt : 21/05/2004	PCT/IL02/00959 Dt : 28/11/2002	09/995763, Dt. 29/11/2001, USA	Israel	Orbograph Ltd., P.O. B. 215, 81102 Yavne, Israel	Distributed document processing	G06F 17/60
85	1386/DELNP/2004	PCT/US02/37134	09/989901, Dt.	United	Applied Molecular	Tumor specific monoclonal	C07H 21/04



	Dt : 21/05/2004	Dt : 19/11/2002	19/11/2001, USA	States of America	Evolution, Inc., 3520 Dunhill Street, San Diego, Ca 92121, USA	antibiotics
86	1387/DELNP/2004	PCT/GB02/04812	0125531.4, Dt. 24/10/2001, GB	Great Britain	Imagine Broadband Limited, Caramelite, 50 Victoria Embankment, Blackfriars, London EC4Y 0DX, GB	Data processing system and method
87	1388/DELNP/2004	PCT/IE00/00099	Divisional Case No. IN/PCT/2002/00149/DEL 990700 dt. 18/8/1999 Ireland.	Ireland	Kinerton Limited, Blanchardstown Industrial Park, Blanchardstown, Dublin, 15 Ireland.	Process to make a sustained release formulation.
88	1389/DELNP/2004	PCT/CA02/001778	60/331,998 dt. 23/11/2001 USA	Canada	Research in Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.	System and method for processing extensible markup language (XML) Documents.

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	1390/DELNP/2004 Dt : 24/05/2004	PCT/US02/40062 Dt : 16/12/2002	10/027,163 dt. 20/12/2001 USA	United States of America	Motorola, inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System and method for responding to a communication message with a canned reply	
2	1391/DELNP/2004 Dt : 24/05/2004	PCT/CH02/00082 Dt : 12/02/2002	2170/01 dt. 26/11/2001 Switzerland.	Swaziland	Prospective Concepts, AG, Flughofstrasse 41, CH-8152 Glattbrugg, Switzerland.	Pneumatic gliding wing for a freefall jumper.	
3	1392/DELNP/2004 Dt : 24/05/2004	PCT/US02/40794 Dt : 20/12/2002	10/034,542 dt. 29/12/2001 USA	United States of America	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Method and apparatus for multi-level distributed speech recognition.	
4	1393/DELNP/2004 Dt : 24/05/2004	PCT/IB01/01975 Dt : 23/10/2001		South Africa	Geecom (Pty) Limited, 1490 Mailship Street, Laser Park, 2040, Honeydew Ext. 5, South Africa.	Discharge electrode.	B03C 3/41
5	1394/DELNP/2004 Dt : 24/05/2004	PCT/GB02/04709 Dt : 16/10/2002	0125882.1 & 0202845.4 dt. 27/10/2001 & 7/2/2002 GB	Great Britain	Technical Services Team Limited, Fishbourne Quay, Ryde, Isle of Wight PO33 4EY, GB.	Drill assembly.	B23B 51/00
6	1395/DELNP/2004 Dt : 24/05/2004	PCT/JP02/10870 Dt : 21/10/2002	2001-329862 dt. 26/10/2001 Japan.	Japan	Matsushita Electric Industrial Co. Ltd., 1006, Oazakadoma, Kadoma-shi, Osaka 571-08501, Japan.	Key Management apparatus.	H04L 9/08
7	1396/DELNP/2004 Dt : 25/05/2004	PCT/SG02/00254 Dt : 30/10/2002	60/330,802 dt. 31/10/2001 USA	Singapore	National University of Singapore, 10 Kent Ridge Crescent, Singapore 119280(SG).	Method for reversible storage of hydrogen and materials for hydrogen storage.	C01B 3/00
8	1397/DELNP/2004 Dt : 25/05/2004	PCT/EP02/13148 Dt : 23/11/2002	101 59 077.8 dt. 26/11/2001 Germany.	Germany	Finzelberg GMBH & Co. KG, Koblenzer Strasse 48-56, 56626 Andernach(DE)	Ginger extract preparation.	
9	1398/DELNP/2004 Dt : 25/05/2004	PCT/AU02/01452 Dt : 25/10/2002	PR 8480 dt. 29/10/2001 Australia.	Australia	Dixon, Barry James, P.O. Box 716, Southport QLD 4215, Australia.	Container/bottle Cap with a storage compartment.	b65d 51/28
10	1399/DELNP/2004 Dt : 25/05/2004	PCT/GB02/04950 Dt : 01/11/2002	0128221.9 dt. 24/11/2001 Uk	England	Avecia Limited, Hexagon House, Blackley, manchester M9 8ZS, England.	Aqueous urethane dispersants.	c08g 18/08
11	1400/DELNP/2004 Dt : 25/05/2004	PCT/US02/37554 Dt : 22/11/2002	10/004,896 dt. 5/12/2001 USA	United States of America	Baxter International Inc., One Baxter Parkway, Deerfield, Illinois, 60015, USA	Method and system for preparing blood products.	A61B 19/00

12	1401/DELNP/2004 Dt : 25/05/2004	PCT/IB02/04972 Dt : 25/11/2002	60/338,343 dt. 7/12/2001 USA	United States of America	Pfizer Products Inc., Eastern Point Road,, Groton, Connecticut 06340, USA	Citric acid salt of a therapeutic compound and pharmaceutical compositions thereof.	
13	1402/DELNP/2004 Dt : 25/05/2004	PCT/US02/40244 Dt : 16/12/2002	10/037,956 dt. 21/12/2001 USA	United States of America	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Method and apparatus for splitting control and media content from a cellular network connection.	
14	1403/DELNP/2004 Dt : 25/05/2004	PCT/GB02/05492 Dt : 03/12/2002	0104102-9 dt. 5/12/2001 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Method of screening for potential anti-bacterial agents.	C12Q 1/48
15	1404/DELNP/2004 Dt : 25/05/2004	PCT/US02/40061 Dt : 16/12/2002	10/036,790 dt. 21/12/2001 USA	United States of America	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System and method for automatically forwarding a communication message.	
16	1405/DELNP/2004 Dt : 25/05/2004	PCT/US02/40830 Dt : 20/12/2002	10/027,810 dt. 20/12/2001 US	United States of America	Ferro Corporation, 1000 Lakeside Avenue, Cleveland, Ohio 44114, USA	Glycerin triester plasticizer.	C09K 3/00
17	1406/DELNP/2004 Dt : 25/05/2004	PCT/GB02/05534 Dt : 03/12/2002	0104101-1 dt. 5/12/2001 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Method of screening anti-bacterial agents.	C12Q 1/48
18	1407/DELNP/2004 Dt : 25/05/2004	PCT/NL02/00773 Dt : 28/11/2002	1019453 dt. 29/11/2001 Netherlands.	Netherlands	A.P.M. Consultants BV, Slepeweg 10, NL-6222, NK, Maastricht, The Netherlands.	Method for producing slag with hydraulic properties.	C04B 7/44
19	1408/DELNP/2004 Dt : 25/05/2004	PCT/IB03/00005 Dt : 02/01/2003	10/038,981 dt. 4/1/2002 USA	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	Message transfer part point code mapping method.	h04b 3/00
20	1409/DELNP/2004 Dt : 25/05/2004	PCT/US02/35588 Dt : 07/11/2002	60/344,712 dt. 7/11/2001 USA	United States of America	Albert Einstein College of Medicine of Yeshiva University, 1300 Morris Park Avenue, Bronx, New York 10462, USA	Methods for inhibiting proliferation of astrocytes and astrocytic tumor cells and uses thereof.	C12N
21	1410/DELNP/2004 Dt : 25/05/2004	PCT/US02/38919 Dt : 20/11/2002	09/683,196 dt. 29/11/2001 USA	United States of America	General Electric Company, One River Road, Schenectady, New York, 12345, USA	Method and system for purifying cumene hydroperoxide cleavage products.	C07C 37/86
22	1411/DELNP/2004 Dt : 25/05/2004	PCT/US03/00667 Dt : 09/01/2003	60/347,164 & 10/338,600 dt. 9/1/2002 & 8/1/2003 USA	United States of America	Nuvera Fuel Cells, 20/335, Acorn Park, Cambridge, Massachusetts 02140-2390, USA	System integrating a reformer and a fuel cell system.	H02 J 7/00

23	1412/DELNP/2004	PCT/US02/34920	60/337,054 dt. 5/12/2001 US	United States of America	Baylor College of Medicine, Texas Medical Center, One Baylor Plaza, TX 77030, USA	Methods and compositions for control of bone formation via modulation of sympathetic tone.	A61K
	Dt : 26/05/2004	Dt : 31/10/2002					
24	1413/DELNP/2004	PCT/IB02/05232	0128722.6 dt. 30/11/2001 GB	Swaziland	Syngenta Participations AG, Schwarzwaldalle 215, CH-4058 Basel, Switzerland.	Seed treatment compositions.	A01N 43/563
	Dt : 26/05/2004	Dt : 25/11/2002					
25	1414/DELNP/2004	PCT/IB02/05241	0128390.2 dt. 27/11/2001 GB	Swaziland	Syngenta Participations AG, Schwarzwaldalle 215, CH-4058 Basel, Switzerland.	Synergistic seed treatment compositions.	A01N 43/36
	Dt : 26/05/2004	Dt : 25/11/2002					
26	1415/DELNP/2004	PCT/JP03/12273	2002-282408 & 2002-285849 dt. 27/9/2002 & 30/9/2002 Japan.	Japan	Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minamiaoyama 2- chome, Minato-ku, Tokyo 107-8556, Japan.	Motorcycle electronic key systems.	
	Dt : 26/05/2004	Dt : 25/09/2003					
27	1416/DELNP/2004	PCT/US02/40127	60/342,889 dt. 20/12/2001 USA	United States of America	Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Province Line Road, Princeton, New Jersey 08543-4000, USA	Pharmaceutical compositions of orally active taxane derivatives having enhanced bioavailability	A61K
	Dt : 26/05/2004	Dt : 12/12/2002					
28	1417/DELNP/2004	PCT/US02/036934	09/991,589 dt. 16/11/2001 USA	United States of America	Bio-Key International, Inc., 1285 Corporate Center Drive, Suite 175, Eagan, MN 55121, USA	Image identification system.	G06K 9/62
	Dt : 26/05/2004	Dt : 15/11/2002					
29	1418/DELNP/2004	PCT/US02/38700	60/334,409 dt. 30/11/2001 USA	United States of America	West Pharmaceutical Services, Inc., 101 Gordon Drive, Lionville, PA 19454, USA	Child-resistant container.	A45C 13/10
	Dt : 26/05/2004	Dt : 02/12/2002					
30	1419/DELNP/2004	PCT/JP02/11163	2001-331732 dt. 29/10/2001 Japan.	Japan	Japan Science and Technology Agency, 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012, Japan and other	Oligonucleotide sequences free from mishybridization and method of designing the same.	
	Dt : 26/05/2004	Dt : 28/10/2002					
31	1420/DELNP/2004	PCT/US02/38439	60/334,609 dt/ 3/12/2001 USA	United States of America	Bayer Pharmaceuticals Corporation, 400 Morgan Lane, West Haven, Connecticut 06516, USA	Aryl urea compounds in combination with other cytostatic or cytotoxic agents for treating human cancers.	A61K 31/44
	Dt : 26/05/2004	Dt : 03/12/2002					
32	1421/DELNP/2004	PCT/US02/37548	0128134.4 dt. 23/11/2001 GB	Swaziland	Syngenta Participations AG, Schwarzwaldalle 215, CH-4058 Basel, Switzerland.	A product for use in agriculture of horticulture.	A01C 1/06
	Dt : 26/05/2004	Dt : 22/11/2002					
33	1422/DELNP/2004	PCT/IB02/05184	0128389.4 dt. 27/11/2001 GB	Swaziland	Syngenta Participations AG, Schwarzwaldalle 215, CH-4058 Basel, Switzerland.	Seed treatment compositions.	A01N 37/46
	Dt : 26/05/2004	Dt : 25/11/2002					

34	1423/DELNP/2004 Dt : 26/05/2004	PCT/EP02/12227 Dt : 01/11/2002	20012151 DT. 5/11/2001 Finland.	Denmark	Danisco A/S Langebrogade 1, DK- 1001 Copenhagen K. Denmark.	A liquid bread improver, the use and the process for producing therefor	A21D
35	1424/DELNP/2004 Dt : 26/05/2004	PCT/GB02/05533 Dt : 06/12/2002	0129296.0 dt. 7/12/2001 GB	Great Britain	Intersurgical Ltd., Crane House, Molly millars Lane, Wokingham, Berkshire RG 41 2RZ, GB	Self sealing water trap.	A61M 16/08
36	1425/DELNP/2004 Dt : 26/05/2004	PCT/EP02/13990 Dt : 10/12/2002	10/014,101 dt. 10/12/2001 US	Germany	Thomas Schmulling, Preussenalle 30, D- 14052 Berlin, Germany and other	Method for modifying plant morphology, Biochemistry and physiology comprising expression of plant cytokinin oxidase.	C12N 15/82
37	1426/DELNP/2004 Dt : 26/05/2004	PCT/IB02/02753 Dt : 04/07/2002	10/026,166 dt. 21/12/2001 USA	United States of America	Axiowave Networks Inc., 200 Nickerson Road, Marlboro, MA 01752, USA	Addressing sequential data packets.	H04L 12/56
38	1427/DELNP/2004 Dt : 26/05/2004	PCT/IB02/02685 Dt : 08/07/2002	10/034,020 dt. 28/12/2001 USA	United States of America	Axiowave Networks Inc., 200 Nickerson Road, Marlboro, MA 01752, USA	Method and hybrid optical-electronic switching node for optimizing use of optical bandwidth.	H04Q 11/00
39	1428/DELNP/2004 Dt : 26/05/2004	PCT/DK02/00809 Dt : 02/12/2002	PA 2001 01808 dt. 5/12/2001 Denmark.	Denmark	Linak A/S smedevaenget 8, Guderup, DK-6430 Nordborg, Denmark.	A lifting column, preferably for height adjustable tables and method for manufacturing thereof.	
40	1429/DELNP/2004 Dt : 26/05/2004	PCT/IB03/01018 Dt : 06/03/2003	10/093,431 dt. 7/3/2002 USA	Swaziland	Vitro Global, S.A. Route du Mont- Carmel I, 1762, Givisiez, Switzerland.	Method and machine for the production of hollow glassware.	C03B
41	1430/DELNP/2004 Dt : 27/05/2004	PCT/KR01/02015 Dt : 02/11/2001	2001/70966 dt. 15/11/2001 KR	Korea	Samsung Fine Chemicals Co. Ltd., 190, Yeocheon-dong, Nam-gu, Ulan 680- 090, Korea.	Preparation method of solvent-free water dispersible hydroxypropyl methyl cellulose phthalate nanoparticle.	C08B 15/02
42	1431/DELNP/2004 Dt : 27/05/2004	PCT/EP02/07054 Dt : 25/06/2002	0126026.4 dt. 30/10/2001 GB	Swaziland	Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Chocolate Flavour Manipulation.	A23G
43	1432/DELNP/2004 Dt : 27/05/2004	PCT/EP02/07055 Dt : 25/06/2002	0126025.6 dt. 30/12/2001 GB	Swaziland	Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Manipulation of chocolate flavour.	
44	1433/DELNP/2004 Dt : 27/05/2004	PCT/SG02/00087 Dt : 13/05/2002	PI20015590 & PI20021332 dt. 7/12/2001 & 11/4/2002 Malaysia.	Malaysia	Sin Sheng Kuang (M) Sdn Bhd., 5887, mak Mandin Industrial Estate, 13400 Butterworth, Penang, Malaysia.	Packaging sheet and package made therefrom.	B65D 81/34

45	1434/DELNP/2004	PCT/US02/05196	60/348,350 dt. 29/10/2001 USA	United States of America	Mpnet International, Inc., 20010 Century BLVD., Germantown, MD 20874, USA	Data structure, method, and system for multimedia communications.	H04L 12/58
	Dt : 27/05/2004	Dt : 21/02/2002					
46	1435/DELNP/2004	PCT/US02/05457	60/348,350 dt. 29/10/2001 USA	United States of America	Mpnet International, Inc., 20010 Century BLVD., Germantown, MD 20874, USA	Method, system, and data structure for multimedia communications.	H04L 12/56
	Dt : 27/05/2004	Dt : 21/02/2002					
47	1436/DELNP/2004	PCT/US02/05296	60/348,350 dt. 29/10/2001 USA	United States of America	Mpnet International, Inc., 20010 Century BLVD., Germantown, MD 20874, USA	System, method, and data structure for multimedia communications.	G06F 13/00
	Dt : 27/05/2004	Dt : 21/02/2002					
48	1437/DELNP/2004	PCT/JP03/12866	2002-298726 & 2003-132034 dt. 11/10/2002 & 9/5/2003 Japan.	Japan	Otsuka Pharmaceutical Co. Ltd., 9, Kandatsukasacho 2- chome, Chiyodo-ku, Tokyo 101-8535, Japan and other	Powder inhalator.	A61M 15/00
	Dt : 27/05/2004	Dt : 08/10/2003					
49	1438/DELNP/2004	PCT/EP02/13814	101 60 569.2 & 102 51 323.6 dt. 10/12/2001 & 5/11/2002 Germany.	Germany	Bayer Materialsience AG, D-51368, Leverkusen, Germany.	Multilayer weatherproof coloured sheet.	B32B 27/18
	Dt : 27/05/2004	Dt : 05/12/2002					
50	1439/DELNP/2004	PCT/JP02/13608	2001-396345 & 2002-325 dt. 27/12/2001 & 7/1/2002 Japan.	Japan	Mitsubishi Chemical Corporation, 33-8 Shiba 5-chome, Minato-ku, Tokyo 108- 0014, Japan.	Gas-Phase catalytic oxidation process and process for producing (meth) acrolein or (Meth) acrylic acid.	C07C45/ 35
	Dt : 27/05/2004	Dt : 26/12/2002					
51	1440/DELNP/2004	PCT/EP02/13432	101 60 661.3 & 102 38 113.5 dt. 11/12/2001 & 21/8/2002 . Germany.	Germany	Bayer Healthcare AG, D-51368, Leverkusen, Germany.	Substituted 2-thio- 3,5-dicyano-4- phenyl-6- aminopyridines and their use.	A61K 33/4418
	Dt : 27/05/2004	Dt : 28/11/2002					
52	1441/DELNP/2004	PCT/EP02/12441	101 55 080.4 dt. 9/11/2001 Germany.	Germany	Stephan Augustin, Tengstrasse 45, 80796 Munchen, Germany.	Device for recovering drinking water from condensate as well as a method and a deep-drawing die for production of said device.	C02F 1/14
	Dt : 27/05/2004	Dt : 07/11/2002					
53	1442/DELNP/2004	PCT/EP02/13403	101 60 569.2 dt. 10/12/2001 Germany.	Germany	Bayer Materialsience AG, D-51368, Leverkusen, Germany.	IR-Reflecting, transparent, multilayer plastics laminate.	B32B 27/20
	Dt : 27/05/2004	Dt : 27/11/2002					
54	1443/DELNP/2004	PCT/JP01/10521		Japan	Teijin Limited, 6-7 Minamihommachi 1- chome, Chuo-ku, Osaka-shi, Osaka 541-0054, Japan.	Proce: for producing 5-(3- cyanophenyl) -3- formylbenzoic acid compound.	C07C 253/30
	Dt : 27/05/2004	Dt : 30/11/2001					
55	1444/DELNP/2004	PCT/US03/12927	60/375,747 dt. 26/4/2002 USA	United States of America	Millipore Corporation, 290 Concord Road, Billerica, Massachusetts 01821, USA	Disposable, sterile fluid transfer device.	A61M 5/00
	Dt : 27/05/2004	Dt : 25/04/2003					



56	1445/DELNP/2004	PCT/IB02/03512	10/007,586 dt. 5/12/2001 USA	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	Optimization of circuit call setup and delivery associates with inter-msc packet data handoff.	H04Q 7/38
	Dt : 27/05/2004	Dt : 29/08/2002					
57	1446/DELNP/2004	PCT/IB02/05057	0129270.5 dt. 6/12/2001 UK	United States of America	Pfizer Inc., 235 East 42nd Street, New York, New York 10017, USA	Pharmaceutical combination.	
	Dt : 27/05/2004	Dt : 28/11/2002					
58	1447/DELNP/2004	PCT/EP02/14150	101 60 270.7 dt. 7/12/2001 Germany.	Germany	Bayer Technology Services GMBH, D- 51368, Leverkusen, Germany.	Computer system and method for calculating adme properties.	G01N 33/48
	Dt : 27/05/2004	Dt : 25/11/2002					
59	1448/DELNP/2004	PCT/JP02/12070	2001-402164 dt. 28/11/2001 Japan.	Japan	TSTM Co., Ltd., 2798- 51, . Minamiyoshidamachi, Matsuyama-shi, Ehime 791-8042, Japan.	Bobbin Holder.	B65H 54/541
	Dt : 27/05/2004	Dt : 19/11/2002					
60	1449/DELNP/2004	PCT/EP02/13762	90 863 dt. 13/12/2001 Luxembourg.	Luxembourg	Paul Wurth S.A. rue D Alsace, L-1122, Luxemurg.	Charging device with rotary chute.	C21B 7/20
	Dt : 28/05/2004	Dt : 05/12/2002					
61	1450/DELNP/2004	PCT/EP02/14329	90 862 dt. 17/12/2001 Luxembourg.	Luxembourg	Ceratzit S.A., B.P. 51, 8201, Mamer, Luxembourg.	Percussion or hammer drill.	B23B 51/00
	Dt : 28/05/2004	Dt : 16/12/2002					
62	1451/DELNP/2004	PCT/US02/20384	09/888,720 dt. 25/6/2001 USA	United States of America	AFP Advanced food products LLC, 402, South Custer Avenue, New Holland, PA 17557, US	Imitation cheese compositions.	A23C 20/02
	Dt : 28/05/2004	Dt : 25/06/2002					
83	1452/DELNP/2004	PCT/US02/39474	60/340551, Dt. 13/12/2001, USA	France	M/S. Thomson Licensing S.A., 48, Quai A. Le Gallo, 92648 Boulogne (FR), France	Apparatus and methods for information transfer using a cached server	G08F 15/18
	Dt : 28/05/2004	Dt : 10/12/2002					
64	1453/DELNP/2004	PCT/US02/39486	60/340,903 & 10/223,844 dt. 12/12/2001 & 20/8/2002 USA	France	Thomson Licensing S.A., 46, Quai A. LE Gallo, 92648 Boulogne, France.	Method and apparatus for adaptively configuring a router.	G06F 15/177
	Dt : 28/05/2004	Dt : 09/12/2002					
65	1454/DELNP/2004	PCT/US02/40234	60/344875, Dt. 21/12/2001, USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, USA	Method for the treatment of bone disorder	A61K 31/663
	Dt : 28/05/2004	Dt : 16/12/2002					
66	1455/DELNP/2004	PCT/US02/39038	60/340,547 & 10/229,760 dt. 13/12/2001 & 28/8/2002 USA	France	Thomson Licensing S.A., 46, Quai A. LE Gallo, 92648 Boulogne, France.	Apparatus, methods and articles of manufacture for wireless communication networks.	G06F 15/173
	Dt : 28/05/2004	Dt : 06/12/2002					
67	1456/DELNP/2004	PCT/US02/38610	60/336,934 dt. 5/12/2001 USA	France	Thomson Licensing S.A., 46, Quai A. LE Gallo, 92648 Boulogne, France.	Method and apparatus for paging a mobile terminal in a wireless lan.	H04Q 7/24
	Dt : 28/05/2004	Dt : 04/12/2002					

68	1457/DELNP/2004 Dt : 28/05/2004	PCT/US02/39918 Dt : 12/12/2002	60/341817, 15/12/2001, USA	France	M/S. Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne (FR), France	System and method for delivering data streams of multiple data types at different priority levels	G06F 15/16
69	1458/DELNP/2004 Dt : 28/05/2004	PCT/SG02/00280 Dt : 29/11/2002	60/334,062 dt. 30/11/2001 USA	Singapore	National University of Singapore 10, Kent Ridge Crescent, Singapore 119260, Singapore.	Single-coil twin- fan variable-air volume (VAV) system for energy- efficient conditioning of independent fresh and return air streams	F24F 13/30
70	1459/DELNP/2004 Dt : 28/05/2004	PCT/SG02/00281 Dt : 29/11/2002	60/334,104 dt. 30/11/2001 USA	Singapore	National University of Singapore 10, Kent Ridge Crescent, Singapore 119260, Singapore.	Energy-efficient variable-air volume (VAV) system with zonal ventilation control.	F24F 11/02
71	1460/DELNP/2004 Dt : 28/05/2004	PCT/US02/38425 Dt : 02/12/2002	10/021285, 19/12/2001, USA	France	M/S. Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne (FR), France	Trick mode playback of recorded video	H04N 5/91
72	1461/DELNP/2004 Dt : 28/05/2004	PCT/US02/34403 Dt : 28/10/2002	10/032660, 29/10/2001, 2001	United States of America	Electronic Data Systems Corporation (EDS), 5400 Legacy Drive, H3-3A-05, Plano, Texas 75024, USA	System and method for communicating using a framework	G06F 9/46
73	1462/DELNP/2004 Dt : 28/05/2004	PCT/FR02/04103 Dt : 28/11/2002	01/15472, 28/11/2001, France	France	Wavecom, Immeuble Board De Seine I, 3, Esplanade du Foncet, 92442 Issy-les- Moulineaux, Cedex, France	Synchronisation Method in a cellular telecommunication network, hand- over method, corresponding terminal and base station	H04B 7/26
74	1463/DELNP/2004 Dt : 28/05/2004	PCT/EP02/12970 Dt : 20/11/2002	2230/01 dt. 6/12/2001 Switzerland.	Swaziland	Vantico AG, Klybeckstrasse 200, CH-4057, Basel, Switzerland.	Resin Composition.	C08J 3/12
75	1464/DELNP/2004 Dt : 28/05/2004	PCT/EP02/13047 Dt : 21/11/2002	2229/01 dt. 6/12/2001 Switzerland.	Swaziland	Vantico AG, Klybeckstrasse 200, CH-4057, Basel, Switzerland.	Heat-Curable resin composition.	C08J 3/12
76	1465/DELNP/2004 Dt : 28/05/2004	PCT/GB02/05554 Dt : 06/12/2002	0129457.8 dt. 10/12/2001 GB	Sweden	AstraZeneca AB, S- 151 85 Sodertalje, Sweden.	Use of anastrozole for the treatment of post- menopausal women having early breast cancer.	A61K 31/4196
77	1466/DELNP/2004 Dt : 28/05/2004	PCT/BE02/00150 Dt : 30/09/2002		Belgium	Claude Poncin, Les Croisettes, 76, B-4870 Trooz, Belgium and Natasha De Podhradszky, Route D Hannonsart, 20-B- 1380, Ohain, Belgium.	Cast part with enhanced wear resistance.	B22D 19/02
78	1467/DELNP/2004 Dt : 28/05/2004	PCT/EP02/14836 Dt : 20/12/2002	0130705.7 dt. 21/12/2001 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Barkeley Avenue, Greenford, Middesex UB6 ONN, UK.	Pyrolidine-2-ones as factor XA inhibitors.	Co7D 207/273

## IN/PCT APPLICATION DETAILS

Sl. No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	1468/DELNP/2004 Dt: 31/05/2004	PCT/US02/38399 Dt: 03/12/2002	090220946, 091202306 & 091214244 dt. 3/12/2001, 18/4/2002 & 11/9/2002 China.	United States of America	Design Ideas, Ltd., 2600 Stockyard Road, Springfield, IL 62072, US.	Mesh Container, System using mesh containers, and method for making mesh containers.	B65D 5/06
2	1469/DELNP/2004 Dt: 31/05/2004	PCT/US02/35912 Dt: 08/11/2002	60/344569, Dt. 09/11/2001, USA	United States of America	Sun Chemical Corporation, 222 Bridge Plaza South, Fort Lee, New Jersey, 07024, USA	Low tack water washable lithographic printing ink composition	
3	1470/DELNP/2004 Dt: 31/05/2004	PCT/US02/037892 Dt: 27/11/2002	60/334,028 dt. 27/11/2001 US	United States of America	Avery Dennison Corporation, 150 North Orange Grove Boulevard, Pasadena, CA 91103, US	Tool for dispensing plastic fasteners.	B65C 5/06
4	1471/DELNP/2004 Dt: 31/05/2004	PCT/GB02/05351 Dt: 26/11/2002	60/334,281 dt. 29/11/2001 USA	United Kingdom	Enigmatics Corporation, 8, Moorgate, London, EC2R, 6DA, UK.	Enterprise Network Infrastructure for mobile users.	H04L 29/06
5	1472/DELNP/2004 Dt: 31/05/2004	PCT/IB02/04550 Dt: 31/10/2002	2001/6978 dt. 31/10/2001 South Africa.	South Africa	The South African Medical Research Council, Francis van Ziji Drive, Parrevallei, 7505, Cape Town, South Africa, and other	HIV-1, subtype isolate regulatory/accessory genes, and modifications and derivatives thereof.	C07K 14/16
6	1473/DELNP/2004 Dt: 31/05/2004	PCT/US02/39919 Dt: 13/12/2002	60/341,672 dt. 14/12/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gall, F-92648, Boulogne, France.	System and method for modifying a video stream based on client or network environment.	H04N 15/16
7	1474/DELNP/2004 Dt: 31/05/2004	PCT/US02/36876 Dt: 08/12/2002	60/340,549 dt. 13/12/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gall, F-92648, Boulogne, France.	Apparatus and methods for delayed network information transfer.	G06F 15/16
8	1475/DELNP/2004 Dt: 31/05/2004	PCT/US02/36475 Dt: 10/12/2002	60/340,681 dt. 13/12/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gall, F-92648, Boulogne, France.	System and method for downloading data using a proxy.	G06F 15/16

9	1476/DELNP/2004	PCT/IB02/04647		India	Ranbaxy Laboratories Limited, 19, Nehru Place, New Delhi-110019, India	Controlled release tablets of metformin	A61K 31/155
	DI: 31/05/2004	DI: 06/11/2002					
10	1477/DELNP/2004	PCT/IB02/004804		India	Ranbaxy Laboratories Limited, 19, Nehru Place, New Delhi-110019, India	Process for the preparation of crystalline imipenem	C07D 477/20
	DI: 31/05/2004	DI: 18/11/2002					
11	1478/DELNP/2004	PCT/US09/10643	09/080,080 dt. 15/5/1998 USA	United States of America	Bayer Corporation, 100, Bayer Road, Pittsburgh, Pennsylvania 15205, USA	IL-2 Selective agonists and antagonists.	C12N 15/26
	DI: 31/05/2004	DI: 13/05/1999					
12	1479/DELNP/2004	PCT/SE02/02157	0104128-4 dt. 8/12/2001 Sweden.	Sweden	STT Emtec AB, Kentorsvagen 9, SE-652 29 Sundsvall, Sweden.	A device for exhaust gas purification.	F01N 3/021
	DI: 31/05/2004	DI: 25/11/2002					
13	1480/DELNP/2004	PCT/DK02/00828	PA 2001 01822, PA 2002 00298, PCT/DK02/0 0182, DI 07/12/2001, 27/02/2002, 19/03/2002, Denmark	Denmark	Nils Aage Juul Ellerssen, Gangehusvej 226, DK-2950 Vedbaek, Denmark	Sealed lead cell	G01G 3/12
	DI: 31/05/2004	DI: 07/12/2002					
14	1481/DELNP/2004	PCT/GB02/05529	0129438.8 & 0218697.1 dt. 8/12/2001 & 12/8/2002 UK	England	INCRG Limited, 35 Fairfield Rise, Wellaston, Stourbridge, West Midlands DY8 3PQ, England.	Method of manufacturing a nozzle arrangement.	B29C 44/10
	DI: 31/05/2004	DI: 05/12/2002					
15	1482/DELNP/2004	PCT/CA03/00013	60/348890, DI 11/01/2002, USA	Canada	McGill University, 3550 University Street, Montreal, Quebec H3A 2A7, Canada	Transdifferentiation of pancreatic acinar cells	C12N 5/00
	DI: 31/05/2004	DI: 10/01/2003					
16	1483/DELNP/2004	PCT/GB03/00003	0200162.6 dt. 4/1/2002 UK	England	The Morgan Crucible Company PLC, Morgan Hese, Madeira Walk, Windsor, Berkshire SL4 1EP, England.	Saline soluble inorganic fibres.	C03C 13/00
	DI: 31/05/2004	DI: 02/01/2003					
17	1484/DELNP/2004	PCT/CA02/01651	2,360,849 dt. 1/11/2001 Canada.	Canada	YM Biosciences Inc., 5045 Orbitor Drive, Building, 11, Suite 400, Mississauga, Ontario, Canada L4W 4Y4.	Use of N,N-diethyl-2-[-4-(Phenylmethyl)-phenoxy] ethanamine monohydrochloride (DPPE) in cancer therapy.	A61K 31/30
	DI: 31/05/2004	DI: 01/11/2002					
18	1485/DELNP/2004	PCT/US03/00328	60/347,344 dt. 8/1/2002 USA	United States of America	E.I. du Pont de Nemours and Company, 1007, Market Street, Wilmington, Delaware, 19898, USA	Catalyst for olefin polymerization.	B01J 31/00
	DI: 31/05/2004	DI: 07/01/2003					
19	1486/DELNP/2004	PCT/EP02/13661	WTO	Belgium	Janassen Pharmaceutica N.V., Turnhoutseweg, 50, B-2340 Beerse, Belgium.	Preparation of cis-fused 3,3a, 8,12b-Tetrahydro-2H-dibenzo(3,4-b,7) cyclohepta [1,2-b] Furan derivatives.	C07B 367/93
	DI: 31/05/2004	DI: 02/12/2002					

20	1487/DELNP/2004	PCT/CH01/00700		Switzerland	Mathys Medizintechnik Ag., Güterstrasse 5, CH-2544 Bettlach, Switzerland	Intervertebral disk prosthesis or nucleus replacement prosthesis	A61F 2/44
	Dt : 31/05/2004	Dt : 05/12/2001					
21	1488/DELNP/2004	PCT/US03/00917	60/350,587 dt. 22/1/2002 USA	United States of America	E.I. du Pont de Nemours and Company, 1007, Market Street, Wilmington, Delaware, 19895, USA	Diamide invertebrate pest control agents.	C07D 401/04
	Dt : 31/05/2004	Dt : 13/01/2003					
22	1489/DELNP/2004	PCT/CA02/01637	2,351,188 dt. 2/11/2001 Canada.	United States of America	Soma Networks, Inc., 185 Berry St., Suite 2000, San Francisco, California 94107, USA	System and method for mitigating fading of a signal at a radio receiver.	H04B 7/00
	Dt : 31/05/2004	Dt : 31/10/2002					
23	1490/DELNP/2004	PCT/BR02/00169	PI 0106577.7 dt. 4/12/2001 Brazil	Brazil	Multibras S.A. Electrodomesticos, Avenida das Nações Unidas, 12995, 32 Andar, 04578-000-Sao Paulo-SP, Brazil.	Evaporator for refrigeration systems.	F25B 39/02
	Dt : 31/05/2004	Dt : 03/12/2002					
24	1491/DELNP/2004	PCT/EP02/13560		Belgium	Janssen Pharmaceutica N.V., Turnhoutseweg, 30, B-2340 Beerse, Belgium.	Preparation of trans-fused 3,3a,8,12b-tetrahydro-2H-dibenzo[3,4-b,7]cyclohepta[1,2-b]furan Derivatives.	C07D 307/93
	Dt : 31/05/2004	Dt : 02/12/2002					
25	1492/DELNP/2004	PCT/US03/01482	60/350,832 dt. 22/1/2002 USA	United States of America	E.I. du Pont de Nemours and Company, 1007, Market Street, Wilmington, Delaware, 19895, USA	Quinazoline(D)enes for invertebrate pest control.	C07D 401/14
	Dt : 31/05/2004	Dt : 16/01/2003					
26	1493/DELNP/2004	PCT/KR02/02213	2002/318 & 2002/66382 dt. 3/1/2002 & 6/11/2002 KR	Korea	Postech Foundation, San. 31 Hyoja-dong, Nam-gu, Pohang-si, Kyungangbuk-do, Korea.	Hydroxycoumarin derivatives, their preparation methods and uses.	C07D 487/22
	Dt : 01/06/2004	Dt : 26/11/2002					
27	1494/DELNP/2004	PCT/ZA02/00190	60/339,814 & 2001/10041 dt. 8/12/2001 US & ZA	South Africa	Sasol Technology (Pty) Ltd., 1 Sturges Avenue, Rosebank 2196, Johannesburg, South Africa.	Method of purifying a waterish stream produced during a Fischer-Tropsch reaction.	C10G 2/00
	Dt : 01/06/2004	Dt : 29/11/2002					
28	1495/DELNP/2004	PCT/US02/41481	10/020,671 dt. 12/12/2001 US	United States of America	Alza Corporation, 1900 Charleston Road, P.O. Box 7210 Mountain View, CA 94039-7210, USA	Liposome composition for delivery of nucleic acid.	A61K 9/127
	Dt : 01/06/2004	Dt : 05/12/2002					
29	1498/DELNP/2004	PCT/US02/35164	09/652,964 dt. 2/11/2001 US	Switzerland	Nestec Ltd., Avenue Nestle 55, CH-1800 Vevey, Switzerland.	Methods and compositions for a gender specific diet for puppies.	A23K 1/18
	Dt : 01/06/2004	Dt : 01/11/2002					

30	1497/DELNP/2004	PCT/US02/37577	60/331,957 dt. 21/11/2001 USA	United States of America	The Burnham Institute 10901, North Torrey Pines Road, La Jolla, CA 92037, USA and other	Methods and compositions for derepression of IAP- inhibited caspase.	A01K 38/00
	Dt: 01/06/2004	Dt: 21/11/2002					
31	1498/DELNP/2004	PCT/US02/39984	60/341,801, 60/341,720, 60/341,871, 60/341,787, 60/341,800, 60/341,799, 60/341,819, 60/386,331 dt. 15/12/2001 & 20/3/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92846, Boulogne, France.	Videoconfer- ence session application user interface with messaging system.	G06F 15/16
	Dt: 01/06/2004	Dt: 13/12/2002					
32	1499/DELNP/2004	PCT/US02/39974	60/341,800, 60/341,721, 60/341,787, 60/341,720, 60/341,799, 60/341,801, 60/341,819, 60/386,331 dt. 15/12/2001 & 20/3/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92846 Boulogne, France.	Videoconfer- ence session switching from unicast to multicast.	G06F 15/16
	Dt: 01/06/2004	Dt: 12/12/2002					
33	1500/DELNP/2004	PCT/US02/38147	09/998,529 & 10/011,250 dt. 26/11/2001 & 8/12/2001 USA	United States of America	Cell-Matrix, Inc., 2110 Rutherford Road, Carlsbad, CA 92008, USA	Humanized collagen antibodies and related methods.	C12Q
	Dt: 01/06/2004	Dt: 26/11/2002					
34	1501/DELNP/2004	PCT/US02/41124	10/029,575, 10/288,883 & 10/323,302 dt. 21/12/2001, 1/11/2002 & 19/12/2002 USA	United States of America	E.I. du Pont de Nemours and Company, 1907, Market Street, Wilmington, Delaware, 19998, USA	Stretch Polyester/coti- on spun yarn.	D02G 3/09
	Dt: 01/06/2004	Dt: 20/12/2002					
35	1502/DELNP/2004	PCT/EP01/15303		Swaziland	4-Antibody AG, Pharmazentrum, Klingelbergstrasse 50, CH-4056, Basel, Switzerland.	Method for the generation of genetically modified vertebrate precursor lymphocytes and use thereof for the production of heterologous binding proteins.	C07K 16/00
	Dt: 01/06/2004	Dt: 22/12/2001					
36	1503/DELNP/2004	PCT/GB02/05013	0126863.4 dt. 6/11/2001 GB	Great Britain	Oxonica Limited, Unit 7 Begbroke Science and Business Park, Sandy Lane, Yarnton, Kidlington, Oxfordshire OX5 1PF, GB.	Cerium oxide nanoparticles.	C10L 1/12
	Dt: 01/06/2004	Dt: 08/11/2002					



37	1504/DELNP/2004	PCT/IB02/04717	10/011,854 dt. 4/12/2001 US	United States of America	Cadbury Adama USA LLC, 2711 Centerville Road, Suite 400, Wilmington, DE 19808, USA	Continuous drum-coating of gum products.	A23G 3/26
	Dt: 01/08/2004	Dt: 11/11/2002					
38	1505/DELNP/2004	PCT/FR02/04153	01/15786 dt. 6/12/2001 France.	France	L Air Liquide, Societe Anonyme a Directoire Et Conseil De Surveillance pour L etude et L exploitation des procedes georges claudes, 75, Quai d Orsay, F-75321, Paris Cedex 07, France.	Installation for producing products using a fluid.	B01D 53/30
	Dt: 01/08/2004	Dt: 03/12/2002					
39	1506/DELNP/2004	PCT/EP02/13368		France	Thomson Licensing S.A., 48 Quai A. le Gallo, F- 92100 Boulogne- Billancourt, France.	Storage device cache memory manegament.	G06F 12/08
	Dt: 01/08/2004	Dt: 27/11/2002					
40	1507/DELNP/2004	PCT/GB02/05425	0130907.9 dt. 22/12/2001 GB	United Kingdom	Ineos Silicas Limited, Bank Quay, Warrington, Cheshire WA5 1AB, UK.	Amorphous silica.	C01B A61K
	Dt: 01/08/2004	Dt: 29/11/2002					
41	1508/DELNP/2004	PCT/IB02/04710	10/011,904 dt. 4/12/2001 US	United States of America	Cadbury Adama USA LLC, 2711 Centerville Road, Suite 400, Wilmington, DE 19808, USA	Method for high speed coating of confectionery cores.	A23G 3/26
	Dt: 01/08/2004	Dt: 11/11/2002					
42	1509/DELNP/2004	PCT/IB02/05291	2258/01 dt. 11/12/2001 Switzerland.	Swaziland	Nagraid SA, Les Champs 12, CH-2301 La Chaux- de-Fonds, Switzerland.	Low-cost electronic module and method for making same.	B23K 20/02
	Dt: 01/08/2004	Dt: 10/12/2002					
43	1510/DELNP/2004	PCT/EP02/14610	1019667 dt. 27/12/2001 Netherlands.	Netherlands	DSM IP assets B.V. Het Overloon 1, Haerlen, 8411 TE, Ther Netherlands.	Process for the preparation of a beta- lactam antibiotic with mutated penicillin acylase.	C12N 9/86
	Dt: 01/08/2004	Dt: 16/12/2002					
44	1511/DELNP/2004	PCT/CA02/00686	2,384,922 dt. 3/6/2002 Canada.	Canada	Purapharm Inc., 7 Roxville Avenue, Toronto, Ontario M4G, 3P7, Canada.	Topical Glycopyrrolat e product.	A61K 7/32
	Dt: 02/08/2004	Dt: 07/05/2002					
45	1512/DELNP/2004	PCT/FR02/04104	01/15470 dt. 28/11/2001 France.	France	Wavecom, Immauble Bord de Seine I, 3, Esplanade du Foncet, 92442 Issy- Les-Moulineaux, Cedex, France.	Cellular telecommuni- cation network with different sized cells, base station, equipment and corresponding method.	H04Q 7/36
	Dt: 02/08/2004	Dt: 28/11/2002					
46	1513/DELNP/2004	PCT/US02/41576	80/344,133, 10/112,257 & 60/366,496 dt. 28/12/2001, 29/3/2002 & 29/3/2002 USA	United States of America	The Trustees of Princeton University, P.O. Box 36, Princeton, New Jersey 08544, USA and The University of Southern California, 3718, South Hope Street, Suite 313, Los Angeles, California 90007-4344 USA	White light emitting diode from combined monomer and aggregate emission.	H05B 33/14
	Dt: 02/08/2004	Dt: 28/12/2002					

47	1514/DELNP/2004	PCT/ES2003/000442	P200202217, Dt. 01/10/2002, Spain	Spain	Melchor Daumal Castellon, Diputacion, 455-457, E-08013 Barcelona, Spain	Improved window regulator assembly which is designed to be mounted in the lock of a motor vehicle	US0J 5/04
	Dt : 02/06/2004	Dt : 01/09/2003					
48	1515/DELNP/2004	PCT/US02/40166	10/032144, Dt. 20/12/2001, USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Load/move and duplicate instructions for a processor	
	Dt : 02/06/2004	Dt : 12/12/2002					
49	1516/DELNP/2004	PCT/IB03/00121	60/353748, Dt. 31/01/2002, USA	United States of America	Pfizer Products, Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Metabolites of (3-[4-tert- butyl-benzyl]- (pyridine-3- sulfonyl)- amino)- methyl]- phenoxy)- acetic acid	
	Dt : 02/06/2004	Dt : 30/01/2003					
50	1517/DELNP/2004	PCT/IB02/04979	0129273.9, Dt. 08/12/2001, GB	United States of America	Pfizer Inc., 235 East 42nd Street, New York, New York 10017, USA	Crystalline drug form	
	Dt : 02/06/2004	Dt : 27/11/2002					
51	1518/DELNP/2004	PCT/US02/39092	60/339,674 dt. 6/12/2002 USA.	United States of America	Bristol-Myers Squibb Company, of P.O. Box 4000, Route 206 and province Line Road, Princeton, New Jersey 08543J-4000, USA.	Hiv integrase inhibitors.	A61K
	Dt : 02/06/2004	Dt : 06/12/2002					
52	1519/DELNP/2004	PCT/CA02/01746	2,383,149 dt. 15/11/2001 Canada.	Canada	Photonami Inc., 80 Mural Street, Units 10-11, Richmond Hill, Ontario L4B, 1E4, Canada.	Surface emitting DFB laser structures for broadband communicatio n systems and array of same.	H01S 3/00
	Dt : 02/06/2004	Dt : 15/11/2002					
53	1520/DELNP/2004	PCT/JP02/12912	2001- 379528, Dt. 13/12/2001, Japan	Japan	Mitsubishi Chemical Corperation, 33-8 Shiba 8- chome, Minato-ku, Tokyo 100-0014, Japan	Process for producing (meth) acrolein or (meth) acrylic acid	C07C 47/22
	Dt : 02/06/2004	Dt : 10/12/2002					
54	1521/DELNP/2004	PCT/US02/40208	60/341,674 & 60/377,712 dt. 17/12/2001 & 3/5/2002 USA	United States of America	Microsoft Corporation, One Microsoft way, Redmond, Washington 98082-6399, USA	SKIP macroblock coding.	H04N 7/50
	Dt : 02/06/2004	Dt : 16/12/2002					

55	1522/DELNP/2004	PCT/US01/47548		Israel	Teva Pharmaceutical Industries, Ltd., 5 Basel Street, P.O. Box 3180, Petah Tiqva 49131, Israel	A Novel polymorph of setraline hydrochloride and composition containing thereof, novel methods for preparation of setraline hydrochloride polymorphs and amorphous form.	C07C 211/42
	DI : 02/06/2004	DI : 13/12/2001					
56	1523/DELNP/2004	PCT/EP03/00009	60/358702, DI, 25/02/2002, USA	Germany	Behring Aktiengesellschaft, Mullerstrasse 178, 13353 Berlin, Germany	New methods for diagnosis and treatment of tumours	G07K 19/00
	DI : 02/06/2004	DI : 02/01/2003					
57	1524/DELNP/2004	PCT/EP02/14070	MI2001A002 640, MI2002A000 753, DI, 12/12/2001 & 9/4/2002 Italy	Italy	Isagro Riearea s.r.l., Via Felice Casati, 20, I-20124 Milano, Italy	Thiazole derivatives with fungicidal activity	C07D 277/30
	DI : 02/06/2004	DI : 11/12/2002					
58	1525/DELNP/2004	PCT/US02/38741	10/633830, DI, 29/12/2001, USA	United States of America	Eveready Battery Company, Inc. 28228 Detroit Road, P.O. Box 460777, Westlake, OH 44145, USA	Seal for electrochemical cell	H01M 2/00
	DI : 02/06/2004	DI : 12/12/2002					
59	1526/DELNP/2004	PCT/DE02/04423	10180077.1 dt. 7/12/2001 Germany.	Germany	Siemens Aktiengesellschaft, Wilhelmsbaserplatz 2, 80333 Munich, Germany.	Method and system for the transmission of data that has not been explicitly requested in a mobile radio system.	H04L 29/08
	DI : 02/06/2004	DI : 03/12/2002					
60	1527/DELNP/2004	PCT/US01/43416		United States of America	Patrick, Stephen, P. 2811, Woodview Drive, Huntsville, AL 35801, USA and other	Motionless electromagnetic generator.	H02K 53/00
	DI : 02/06/2004	DI : 06/11/2001					
61	1528/DELNP/2004	PCT/US02/39654	10/014,711 dt. 11/12/2002 USA	United States of America	Black & Decker Inc., 1207, Brummond Plaza, Newark, Delaware 19711, USA	Brushless motor having double insulation.	H02K 9/06
	DI : 02/06/2004	DI : 11/12/2002					
62	1529/DELNP/2004	PCT/US02/39343	60/336,927 dt. 10/12/2001 US	United States of America	Temple University of The Commonwealth System of Higher Education, Broad Street and Montgomery Avenue, Philadelphia, Pennsylvania 19122, USA	Substituted hydrazones as inhibitors of cyclooxygenase-2.	A61K
	DI : 02/06/2004	DI : 10/12/2002					
63	1530/DELNP/2004	PCT/US02/39343	60/336,927, DI, 10/12/2001, USA	United States of America	Temple University of The Commonwealth System of Higher Education, Broad Street and Montgomery Avenue, Philadelphia, Pennsylvania 19122, USA,	Substituted hydrazones as inhibitors of cyclooxygenase-2	A61K
	DI : 02/06/2004	DI : 10/12/2002					
64	1531/DELNP/2004	PCT/DE02/04688	10160306.6, DI.	Germany	Fuchs GmbH & Co. Osterfeldstrabe 2-8, D-	Pet-herb preparation	A23B 7/157

			07/12/2003, Germany		49326 Meile, Germany		
	Di: 02/06/2004	Di: 02/12/2002					
65	1532/DELNP/2004	PCT/EG02/00027	106097 dt. 9/11/2001 Bulgaria.	Bulgaria	Vladimirov, Vladimir, Asenov, S. N. Vorvodov Str. entr. B, app. 20, 3000 Vratsa (BG), Bulgarian	Method and installation for the treatment of a radioactive wastes.	G21F 9/08
	Di: 03/06/2004	Di: 04/11/2002					
66	1533/DELNP/2004	PCT/US02/35870	10/024,832 dt. 18/12/2001 USA	United States of America	Sequist Closures Foreign, Inc., 475 West Terra Cotta, Crystal Lake, Illinois 60014, USA	Closure with internal flow control for a pressure operable valve in an extendable/ret- ractable nozzle.	B65D 35/00
	Di: 03/06/2004	Di: 08/11/2002					
67	1534/DELNP/2004	PCT/US02/35284	10/015,863 dt. 12/12/2001 USA	United States of America	Catalytic Distillation Technologies, 10100, Bay Area, Boulevard, Pasadena, Texas 77507, USA	Process for sulfur reduction in naphtha streams.	C10G 45/02
	Di: 03/06/2004	Di: 02/12/2002					
68	1535/DELNP/2004	PCT/EP02/14005	10/085,233 dt. 10/12/2001 USA	Swaziland	Baxter Healthcare S.A., Heristrasse 2, 8304, Walisellen, Switzerland,	Method of isolation and purification of trypsin from protease and use thereof.	C12N 9/00
	Di: 03/06/2004	Di: 10/12/2002					
69	1536/DELNP/2004	PCT/GB02/05843	0131123.2 & 0224777.3 dt. 21/12/2001 & 24/10/2002 GB	Great Britain	Orange Personal Communications Services Limited, St. James Court, Great Park Road, Almondsbury Road, Bradley Stoke, Bristol BS12 4QJ, GB.	Call processing in mobile telecommu- cations networks.	H04Q 7/38
	Di: 03/06/2004	Di: 20/12/2002					
70	1537/DELNP/2004	PCT/MX02/00110	PA/a/2001/0 12371 dt. 30/11/2001 Mexico.		Manuel Fernando Mejias Butron, Goya No. 73-402, Col. Insurgentes Mexico C.F., 03920, Mexico, D.F., Mexico.	Computer performance optimization method and main non- volatile storage medium optimized with purpose- specific sections.	G06F 9/00
	Di: 03/06/2004	Di: 25/11/2002					
71	1538/DELNP/2004	PCT/JP02/13749	2001-400036 & 2001- 399842 dt. 29/12/2001 Japan.	Japan	Mitsui Chemicals Inc., 5-2, Higashi-Shimbashi 1- chome, Minato-ku, Tokyo 105-7117, Japan.	Binder resin for toner and electrophoretic toner for electrostatic developing using acid resin.	C08G 85/00
	Di: 03/06/2004	Di: 27/12/2002					
72	1539/DELNP/2004	PCT/US02/38706	10/000,549 dt. 30/11/2001 USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Method and apparatus for identifying candidate virtual addresses in a content- aware prefetcher.	
	Di: 03/06/2004	Di: 02/12/2002					

73	1540/DELNP/2004	PCT/GB02/05542	0129260.6 dt. 6/12/2001 UK	Japan	EISAI Co. Ltd., 4-6-10, Koishikawa, Bunkyo-ku, Tokyo 112-88, Japan.	Pharmaceutic al compositions and their uses.	A61K 31/44
	Dt : 03/06/2004	Dt : 06/12/2002					
74	1541/DELNP/2004	PCT/US02/37268	10/000,428 dt. 30/11/2001 USA	Israel	Teva Pharmaceutical Industries Ltd., 5, Basel Street, P.O. Box 3190, Petah Tiqva, 49131, Israel.	Crystalline venlafaxine base and novel polymorphs of venlafaxine hydrochloride, processes for preparing thereof.	C07C
	Dt : 03/06/2004	Dt : 08/11/2001					
75	1542/DELNP/2004	PCT/UJS02/38177	60/333,515, CN02111512 .5 & 60/413,576 dt. 28/11/2001, 26/4/2002 & 24/9/2002 USA, China & USA	United States of America	Nashai Biotech, LLC, 5560, Franklin Pike Circle, Brentwood, TN 37027, USA	Methods of making and using theaflavin, Theaflavin-3- gallate, theaflavin- 3'-gallate and theaflavin3,3'- diagallate and mixture thereof.	A61K
	Dt : 03/06/2004	Dt : 27/11/2002					
76	1543/DELNP/2004	PCT/KR99/00223	60/084578, 07/05/1998, USA	Republic of Korea	Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	A network system for commanding and controlling devices	G06F 15/16
	Dt : 03/06/2004	Dt : 07/05/1999					
77	1544/DELNP/2004	PCT/KR2002/002336	10-2001- 0078045 dt. 11/12/2001 Korea.	Korea	SKC Limited, #633, Jeongja-dong, Jangsan-gu, 440-300, Suwon-si, Kyungki-do, Korea.	Bi-axially oriented polyester film.	C08J 5/18
	Dt : 03/06/2004	Dt : 11/12/2002					
78	1545/DELNP/2004	PCT/EP1/11707	MI2001A002 565 dt. 5/12/2001 IT	Italy	Universita' Degli Studi Di Milano, of Via Festa del Perdono, 7, I-20122 Milano, Italy.	Catalysts for ammonia synthesis.	
	Dt : 03/06/2004	Dt : 18/10/2002					
79	1546/DELNP/2004	PCT/EP02/14461	01660238.5 dt. 19/12/2001 EP	Finland	Borealis Technology Oy, P.O. Box 330, FIN-06101, Porvoo, Finland.	Production of olefin polymerisation catalysts.	C08B 10/00
	Dt : 03/06/2004	Dt : 18/12/2002					
80	1547/DELNP/2004	PCT/KR99/00223	80/084578, Dt. 07/05/1998, USA	Republic of Korea	Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	a method for performing a service via a home network	G06F 15/16
	Dt : 03/06/2004	Dt : 07/05/1999					
81	1548/DELNP/2004	PCT/KR99/00223	60/084578, Dt. 07/05/1998, USA	Republic of Korea	Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	A network system for performing a service	H04L 12/28
	Dt : 03/06/2004	Dt : 07/05/1999					
82	1549/DELNP/2004	PCT/GB02/05738	0104334-8 dt. 19/12/2001 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Substituted phenylpropion ic acid derivatives as agonists to human peroxisome proliferator-	C07C 235/20
	Dt : 04/06/2004	Dt : 18/12/2002					

						activated receptor alpha (PPAR)	
83	1550/DELNP/2004 Dt : 04/06/2004	PCT/GB02/05744 Dt : 18/12/2002	0104334.8, Dt. 19.12.2001, Sweden	Sweden	Astrazeneca AB, S-15185, Sodertalje, Sweden	Substituted phenylpropion ic acid derivatives as agonists to human peroxisome proliferator- activated receptor alpha(ppar)	C07C 235/20
84	1551/DELNP/2004 Dt : 04/06/2004	PCT/EP02/13721 Dt : 04/12/2002	101 61 978.2 dt. 17/12/2001 Germany.	Germany	Bayer Chemicals AG, 51368, Leverkusen, Germany.	Method for producing 2- halogenacyl- 3-amino- acrylic acid derivatives.	C07C 227/16
85	1552/DELNP/2004 Dt : 04/06/2004	PCT/US02/39374 Dt : 09/12/2002	60/338,932 & 60/365,069 dt. 7/12/2001 & 15/3/2002 USA	United States of America	Smartlens Corp. 10791, Big Canoe, Big Canoe, GA 30143, USA	Modular camera having reusable components.	H04N
86	1553/DELNP/2004 Dt : 04/06/2004	PCT/US02/39367 Dt : 09/12/2002	60/338933, Dt. 07/12/2001, USA	United States of America	Smartlens Corp., 10791 Big Canoe, Big Canoe-GA 30143, USA	Selective focus system for use in photography	G03B 3/10
87	1554/DELNP/2004 Dt : 04/06/2004	PCT/EP02/10448 Dt : 18/09/2002		Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	Apparatus and method for flexible data rate matching.	H04L 1/08
88	1555/DELNP/2004 Dt : 04/06/2004	PCT/GB02/05742 Dt : 18/12/2002	0104330.6, Dt. 19/12/2001, Sweden	Sweden	Astrazeneca AB, S-15185, Sodertalje, Sweden	5,6-diaryl- pyrazine-2- amide derivatives as cbl antagonists	C07D 241/24
89	1556/DELNP/2004 Dt : 04/06/2004	PCT/US99/07171 Dt : 01/04/1999	60/080,629 dt. 3/4/1998 USA		Triangle Pharmaceuticals, Inc., 4 University Place, 4611 University Drive, Durham, North Carolina 27707, USA	Systems, methods and computer program products for guiding the selection of therapeutic treatment regimens.	G06F 17/60
90	1557/DELNP/2004 Dt : 04/08/2004	PCT/US02/38493 Dt : 04/12/2002	60/336,584, 60/383,990, 60/398,968, 60/398,965, 10/206,531 & 60/398,966 dt. 4/12/2001, 29/5/2002, 26/7/2002, USA	United States of America	X-ray Optical Systems, Inc., 15 Tech Valley Drive, East Greenbush, Ny 12061, USA	X-ray Source assembly having enhanced output stability, and fluid stream analysis applications thereof.	H05G 1/00
91	1558/DELNP/2004	PCT/EP02/13484	10159217.5, Dt.	Germany	Schering Aktiengesellschaft,	17 alpha- alkyl 17 beta-	C07J 41/00

	Dt : 04/06/2004	Dt : 27/11/2002	27/11/2001, Germany		Mullerstrasse 178, 13353 Berlin, Germany	oxy- estratrienes and intermediate products for their production, use of the 17 alpha alkyl-17 beta-oxy- estratrienes for the production of pharmaceutic al agents as well as pharmaceutic al preparations	
92	1559/DELNP/2004 Dt : 04/06/2004	PCT/IL02/00979 Dt : 05/12/2002	60/336,139 dt. 6/12/2001 USA	Israeli	Yeda Research and Development Co. Ltd., Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot, Israel.	Vaccine and method for treatment of motor neurone diseases.	A61K
93	1560/DELNP/2004 Dt : 04/06/2004	PCT/KR2002/002309 Dt : 07/12/2002	60/338441, 60/376053, 60/400904, 60/401089, Dt. 07/12/2001,2 6/04/2002,02 /08/2002,05/ 08/2002, USA	Republic of Korea	Toolgen, Inc. Daedeok Biocommunity, 461- 6Jecnmin-dong, Yuseong- gu, 305-390 Daejeon, Republic of Korea	Phenotypic screen of chimeric proteins	C12N 5/00
94	1561/DELNP/2004 Dt : 04/06/2004	PCT/FR02/04181 Dt : 04/12/2002	01/15662, 04/12/2001, France	France	Ressorts Lefevre, S.A., 212 Avenue Jean Jaures, F-59650 Villeneuve d Ascq, France	Method and device for notching tubes and the tube thus obtained	B21D 17/04
95	1562/DELNP/2004 Dt : 04/06/2004	PCT/US02/36174 Dt : 12/11/2002	60/332463, 10/037295, Dt . 09/11/2001, 21/12/2001,0 8/11/2002, USA	United States of America	Rapak LLC, 737 Oakridge Drive, Romeoville, IL 60446, USA	Flexible plastic container	B65D 35/56
96	1563/DELNP/2004 Dt : 04/06/2004	PCT/US02/35114 Dt : 30/10/2002	09/683,259 dt. 5/12/2001 USA	United States of America	General Electric Company, One River Road, Schenectady, New York 12345, USA	Preparation of substituted phthalic anhydrides and substituted phthalimides.	C07D 307/89
97	1564/DELNP/2004 Dt : 04/06/2004	PCT/US02/39744 Dt : 12/12/2002	10/034,687 dt. 20/12/2001 USA	United States of America	Eveready Battery Company, Inc., 25225, Detroit Road, P.O. Box 450777, Westlake, OH 44145, USA.	Electrochemic al cell having venting current collector and seal assembly.	H01M 2/12
98	1565/DELNP/2004 Dt : 04/06/2004	PCT/CH02/00616 Dt : 15/11/2002	01811103.9, Dt. 16/11/2001, EP	Switzerland	Ecole Polytechnique Federale de Lausanne (EPFL), SRI-CM Ecublens, CH-1015 Lausanne, Switzerland	Method for hair removal	A61K 7/155



99	1566/DELNP/2004 Dt : 04/06/2004	PCT/US02/35522 Dt : 04/11/2002	09/683,257 dt. 5/12/2001 USA	United States of America	General Electric Company, One River Road, Schenectady, New York 12345, USA	Methods for the preparation of Poly(Etherimi des)S.	C08G 73/10
100	1567/DELNP/2004 Dt : 07/06/2004	PCT/CA2001/001736 Dt : 06/12/2001		Canada	Bioscript Inc., 5450 Explorer Drive, Suite 500, Mississauga, Ontario L4V 5M1, Canada	Portable device and method for accessing data key actuated devices	G07C 9/00
101	1568/DELNP/2004 Dt : 07/06/2004	PCT/EP02/13146 Dt : 22/11/2002	10/010,122 dt. 6/12/2001 USA	Italy	Pharmacia Italia S.P.A., Via Robert Koch, 1.2, I- 20152, Milano, Italy.	Platinum derivative pharmaceutic al formulations.	A61K 47/12
102	1569/DELNP/2004 Dt : 07/06/2004	PCT/US02/40803 Dt : 20/12/2002	10/034,572 dt. 28/12/2001 USA	United States of America	Motorola Inc., 1303, East algonquin Road, Schaumburg, Illinois 60196, USA	Multimodal communicatio n method and apparatus with multimodal profile.	G06F 13/14
103	1570/DELNP/2004 Dt : 07/06/2004	PCT/EP02/14823 Dt : 20/12/2002	0130677.8 dt. 21/12/2001 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, UK.	Substituted diketopiperazi nes as oxytocin antagonists.	C07D 401/06
104	1571/DELNP/2004 Dt : 07/06/2004	PCT/US03/33523 Dt : 23/10/2003	10/284670, Dt. 31/10/2002, USA	United States of America	Motorola, Inc., 1303 East Algonquin Road, schaumburg, Illinois 60196, USA	Method and mobile station for controlling communicatio n via a radio link	G08B 21/00
105	1572/DELNP/2004 Dt : 07/06/2004	PCT/US02/38128 Dt : 25/11/2002	10/014,767 dt. 11/12/2001 USA	United States of America	Motorola Inc., 1303, East algonquin Road, Schaumburg, Illinois 60196, USA	Communicatio n Device with active equalization and method therefor.	H03B 29/00
106	1573/DELNP/2004 Dt : 07/06/2004	PCT/US03/00048 Dt : 01/01/1900	10/047967, Dt.16/01/200 2, USA	United States of America	Cadbury Admas Usa Llc, 2711 Centerville Road, Suite 400, Wilmington, DE 19808, USA	Center-filled chewing gum containing calcium	A23G 3/30
107	1574/DELNP/2004 Dt : 07/06/2004	PCT/US02/40804 Dt : 20/12/2002	10/037,015 dt. 21/12/2001 USA	United States of America	Motorola Inc., 1303, East algonquin Road, Schaumburg, Illinois 60196, USA	Method and apparatus for obtaining internet content for a wireless device.	G06F 13/00
108	1575/DELNP/2004 Dt : 07/06/2004	PCT/EP99/01948 Dt : 23/03/1999	98105568.4 dt. 27/3/1998 EP	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG, Binger Strasse 173, D- 55216, Ingelheim am Rhein, Germany.	Peroral Active agent suspension.	A61K 9/00
109	1576/DELNP/2004 Dt : 07/06/2004	PCT/EP02/00382 Dt : 09/01/2002		Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	Method of and equipment for credit management for access in a telecommunic	H04M 17/00

						ations network.	
110	1577/DELNP/2004 Dt : 07/06/2004	PCT/IB03/00096 Dt : 16/01/2003	10/058,448 dt. 28/1/2002 USA	United States of America	Cadbury Adams USA LLC, 2711 Centerville Road, Suite 400, Wilmington, DE 19808, USA	Chewing gum and confectionery composition with encapsulated stain removing agent compositions, and method of using the same.	A23G 3/30
111	1578/DELNP/2004 Dt : 07/06/2004	PCT/JP02/12265 Dt : 25/11/2002	2001- 361847, 2002- 192777, Dt. 28/11/2001, 0 2/07/2002, Japan	United Kingdon	BTG International Ltd., 10 Fleet Place, Limeburner Lane, London EC4M 7SB, UK	Preventives or remedies for alzheimer's disease, or amyloid protien fibril- formation inhibitors, which include a nitrogen- containing heteroaryl compound	C07D 237/20
112	1579/DELNP/2004 Dt : 07/06/2004	PCT/EP02/14414 Dt : 17/12/2002	2313/01 dt. 18/12/2001 Switzerland.	Swaziland	Syngenta Participations AG, Schwarzwaldallee 215, CH-4058, Basel, Switzerland.	Process for the prepration of 1,4,5- Oxadiazepine derivatives.	C07D 273/06
113	1580/DELNP/2004 Dt : 07/06/2004	PCT/EP02/14388 Dt : 17/12/2002	101 62 684.3 dt. 19/12/2001 DE.	Germany	Bayer Chemicals Ag, of 51638 Leverkusen, Germany.	Process for preparing amines.	
114	1581/DELNP/2004 Dt : 07/06/2004	PCT/CH02/00180 Dt : 28/03/2002	PCT/CH01/0 0705 DT, 7/12/2001 SWITZERLA ND.	Swaziland	Mathys Medizinaltechnik AG, Guterstrasse 5, CH- 2544 Bettlach, Switzerland.	Damping element and device for stabilization of adjacent vertebral bodies.	A61B 17/70
115	1582/DELNP/2004 Dt : 07/06/2004	PCT/FR02/04225 Dt : 06/12/2002	01/15798, Dt. 06/12/2001, France	Korea	Yang Ji Chemical Company Ltd., 638-6 Sunggak-dong, Ansan, Kyunggi-do. South Korea	Novel specific inhibitor compounds of human non- pancreatic (group II) secretory phospholipas e a2	C07D 271/07
116	1583/DELNP/2004 Dt : 07/06/2004	PCT/CH02/00698 Dt : 16/12/2002	2354/01 dt. 20/12/2001 CH	Swaziland	Aisapack holding S.A., Rue de la Praise, CH- 1896 Vouvry, Switzerland.	Device for treating objects by plasma deposition.	
117	1584/DELNP/2004 Dt : 07/06/2004	PCT/CN02/00899 Dt : 19/12/2002	01269174.7 & 01269173.9 dt. 19/12/2002 China.	China	Haier Group Corporation, Haier Hi-Tech Zone, Haier Qingdao Road, Qingdao, 266101, P.R.China and other	Electrical water heater with electric shock protection.	F24H 9/202

118	1585/DELNP/2004	PCT/NO02/00460	NO 20015957, Dt. 05/12/2001, Norway	Norway	Smartsaal AS, Jakob Askelandsvei 21, N-4314, Sandnes, Norway	Method and device for preventing the inadvertent outflow of a fluid from a drinking container	A47G 21/18
	Dt : 07/06/2004	Dt : 03/12/2002					
119	1586/DELNP/2004	PCT/AU01/01437	PCT/AU01/0 1437, Dt. 08/11/2001, Australia	Australia	Douglas Ryan, 64 highlands drive, Narangba, Queensland 4504, Australia & others	Stabilisation of particular material using wool grease	C019K 17/00
	Dt : 07/06/2004	Dt : 08/11/2001					
120	1587/DELNP/2004	PCT/IT02/00785	RM2001A00 0737, Dt. 14/12/2001, Italy	United Arab Emirates	Akkad, Osman, White Crown Building, Sheik, Zaied Road, Dubai, AE	Device for conditioning water produced by air conditioning or environmental dehumidificati on apparatuses or plants	E03B 3/28
	Dt : 07/06/2004	Dt : 12/12/2002					
121	1588/DELNP/2004	PCT/GB02/05565	0129360.4, 0225036.3, Dt. 07/12/2001, 28/10/2002, GB	United Kingdom	Ecebs limited, Ecebs House, 68 dobcroft Road, Millhouses, Shaffield, South Yorkshire S7 2IS, UK	Smartcard Systems	G06F 19/00
	Dt : 07/06/2004	Dt : 09/09/2002					
122	1589/DELNP/2004	PCT/CN02/00223	01144225.5 dt. 13/12/2001 China.	China	Huawei Technologies Co., Huawei Service Center Building, Kefa Road, Science-based Industrial Park, Nanshan District, Shenzhen, 51807, Guangdon, P.R.China.	Method for implementing security communicatio n by independently selecting encryption algorithm.	H04L 9/32
	Dt : 07/06/2004	Dt : 29/03/2002					
123	1590/DELNP/2004	PCT/CA02/01945	60/340300, Dt. 07/12/2001, USA	Canada	Research In Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada	System and method of managing information distribution to mobile stations	H04L 12/56
	Dt : 07/06/2004	Dt : 06/12/2002					
124	1591/DELNP/2004	PCT/US02/39864	60/346,738, 10/243,094, 10/278,353 & 10/278,352 dt. 7/1/2002, 13/9/2002, 22/10/2002 US	United States of America	Clairvoyante Laboratories, Inc., 874, Gravenstein Highway South, Suite 14, Sebastopol, CA 95472, US	Color flat panel display sub-pixel arrangements and layouts for sub-pixel rendering with increased modulation transfer function.	G09G 3/36
	Dt : 08/06/2004	Dt : 13/12/2002					
125	1592/DELNP/2004	PCT/US02/39857	60/346,738, 10/278,352 dt. 7/1/2002 & 22/10/2002 US	United States of America	Clairvoyante Laboratories, Inc., 874, Gravenstein Highway South, Suite 14, Sebastopol, CA 95472, US	Color flat panel display sub-pixel arrangements and layouts for sub-pixel rendering with split blue sub-	G09G 3/36
	Dt : 08/06/2004	Dt : 13/12/2002					

						pixels.	
126	1593/DELNP/2004	PCT/AT02/00362	A-2012/2001 dt. 20/12/2001 Austria.	Austria	Lenzing Aktiengesellschaft, Werkstrasse 2, A-4860, Lenzing, Austria.	Method for treating cellulosic moulded bodies.	D06N 15/03
	Dt : 08/06/2004	Dt : 19/12/2002					
127	1594/DELNP/2004	PCT/CA02/01583	60/335,265 & 10/077,238 dt. 30/11/2001 & 15/2/2002 US	Canada	Kinetek Pharmaceuticals, Inc., 887, Great Northern Ways, Vancouver, British Columbia, V5T, 4T5, Canada.	Hydrazonopyr azole derivatives and their use as therapeutics.	A61K 31/41:
	Dt : 08/06/2004	Dt : 18/10/2002					
128	1595/DELNP/2004	PCT/US02/36773	60/341819, 60/341720, 60/341671, 60/341797, 60/341800, 60/341799, 60/341801, Dt. 15/12/2001, USA	France	M/S. Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne (FR), France	server invoked time scheduled videoconferen ce	G06F 3/00
	Dt : 08/06/2004	Dt : 15/11/2002					
129	1596/DELNP/2004	PCT/US2002/039920	60/341799, 60/341801, 60/341720, 60/341671, 60/341797, 60/341800, 60/341819, 60/366331, Dt. 15/12/2001 & 20/03/2002, USA	United States of America	M/S. Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne (FR), France	Method and system for providing a private conversation channel in a videoconferen ce system	H04M 11/00
	Dt : 08/06/2004	Dt : 13/12/2002					
130	1597/DELNP/2004	PCT/US02/39505	60/341,720, 60/341,671, 60/341,797, 60/341,800, 60/341,799, 60/341,819, 60/341,801 & 60/366,331 dt. 15/12/2001 & 20/3/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92648 Boulogne, Cedex, France.	Videoconfere nce bandwidth selection mechanism.	H04L 12/16
	Dt : 08/06/2004	Dt : 11/12/2002					
131	1598/DELNP/2004	PCT/US02/40460	60/343,214 dt. 21/12/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92648 Boulogne, Cedex, France.	Multiple RF signal switching apparatus.	H04H 1/00
	Dt : 08/06/2004	Dt : 18/12/2002					
132	1599/DELNP/2004	PCT/US02/39868	60/341797,6 0/341801, 60/341720, 60/341871, 60/341819, 60/341800, 60/341799, 60/366331, Dt. 15/12/2001& 20/03/2002, USA	United States of America	M/S. Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne (FR), France	Videoconfere nce call set up	H04L 12/16
	Dt : 08/06/2004	Dt : 12/12/2002					
133	1600/DELNP/2004	PCT/EP02/14460	10/020510, 60/418358,	Belgium	Innogenetics N.V., Technologiepark 6, B-	Purified hepatitis c	A61K 39/29

	Dt : 08/06/2004	Dt : 18/12/2002	Dt. 19/12/2001, 16/10/2002, USA		9052, Ghent, Belgium	virus envelope proteins for diagnostic and therapeutic use	
134	1601/DELNP/2004 Dt : 08/06/2004	PCT/GB03/00281 Dt : 24/01/2003	0201631.9 dt. 24/1/2002 UK	England	Torotrak (Development) Ltd., 1 Aston Way, Leyland, Lancashire PR5 3UX, England.	Fluid supply arrangement for a rolling- traction continuously variable ratio transmission unit.	FT6H 57/04
135	1602/DELNP/2004 Dt : 08/06/2004	PCT/EP032/13948 Dt : 09/12/2002	101 60 349.5 & 101 64 028.5 dt. 8/12/2001 & 28/12/2001 Germany.	Germany	Gustav Klauke GMBH, Auf dem Knapp 48, D- 42855, Remscheid, Germany.	Pressing device.	B21D 39/04
136	1603/DELNP/2004 Dt : 08/06/2004	PCT/FR02/04400 Dt : 17/12/2002	01.16766 dt. 21/12/2001 France.		Exagt S.A. de CV, Luis Kuhne 55 B, Col. Las Aguilas, Mexico 01710 D.F. Mexico.	Device for driving the transmission antennas of electromagnet ic detection systems.	H01Q 7/04
137	1604/DELNP/2004 Dt : 08/06/2004	PCT/IB02/04524 Dt : 30/10/2002	10/014.093 dt. 10/12/2001 USA	Canada	Nortel Networks Limited, 2351 Boulevard Alfred- Nobel, St. Laurent, Quebec H4S 2A9, Canada.	System and method for maximizing capacity in a telecommuni- cations systems.	H04Q 7/38
138	1605/DELNP/2004 Dt : 08/06/2004	PCT/EP02/13810 Dt : 05/12/2002	P-200100322 dt. 19/12/2001 Slovenia.	Slovenia	Lek Pharmaceuticals D.O., Varovskova 57, 1526 Ljubljana, Slovenia.	Process for the purification and/or isolation of biologically active granulocyte colony stimulating factor.	A61K 38/19
139	1606/DELNP/2004 Dt : 08/06/2004	PCT/AT02/0341 Dt : 05/12/2002	A 1963/2001 dt. 14/12/2001 Austria.	Austria	Kapach Trafficcom AG, Wagenseilgasse 1, A- 1121 Wien, Austria.	Method and device for geometric surveying and speed determination of vehicles.	G01S 17/00
140	1607/DELNP/2004 Dt : 08/06/2004	PCT/US02/39364 Dt : 09/12/2002	10/013,144 dt. 10/12/2001 USA	United States of America	Chevron Phillips Chemical Company LP, 10001 Six Pines Drive, The Woodlands, Texas 77380, USA	Catalyst composition and olefin polymeriza- tion using same.	C08F 10/02
141	1608/DELNP/2004 Dt : 08/06/2004	PCT/GB02/00819 Dt : 25/02/2002		England	Iskra Wind Turbino Manufacturers Ltd., 261 Woodborough Road, St. Anna, Nottingham NG3 4JZ, England.	Passive speed and power regulation of a wind turbine.	F03D 7/02

142	1609/DELNP/2004	PCT/GB02/05170	0130662.0 dt. 21/12/2001 GB	United Kingdom	Dyson Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP, UK.	Cleaner Head for a vacuum cleaner.	A47L 9/02
	Dt : 09/06/2004	Dt : 15/11/2002					
143	1610/DELNP/2004	PCT/CH01/00705		Swaziland	Matnys Medizinalltechnik AG, Guterstrasse 5, CH- 2544 Bettlach, Switzerland.	Damping element.	A61B 17/70
	Dt : 09/06/2004	Dt : 07/12/2001					
144	1611/DELNP/2004	PCT/SE02/02179	0104113.6 dt. 7/12/2001 Sweden.	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	A wireless station and a transmission method in a wireless local area network.	G06F 1/32
	Dt : 09/06/2004	Dt : 27/11/2002					
145	1612/DELNP/2004	PCT/EP02/13965	2001/0817 & 2002/0445 dt. 14/12/2001 & 18/7/2002 Belgium.	Belgium	Glaverbel, Chaussee de la Hulpe, 166, B-1170 Brussels (Watermael- Boitsfort), Belgium.	Coloured soda-lime glass.	C03C 3/095
	Dt : 09/06/2004	Dt : 05/12/2002					
146	1613/DELNP/2004	PCT/EP02/13733	2001/0818 dt. 14/12/2001 Belgium.	Belgium	Glaverbel, Chaussee de la Hulpe, 166, B-1170 Brussels (Watermael- Boitsfort), Belgium.	Coloured soda-lime glass.	C03C 3/087
	Dt : 09/06/2004	Dt : 03/12/2002					
147	1614/DELNP/2004	PCT/EP02/13782	10162048.9 dt. 17/12/2001 Germany.	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92100 Boulogne, Billancourt, France.	Circuit arrangement with power factor correction, as well as a corresponding appliance.	H02M 1/12
	Dt : 09/06/2004	Dt : 05/12/2002					
148	1615/DELNP/2004	PCT/EP02/13369		France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92100 Boulogne, Billancourt, France.	Storage device.	G06F 17/30
	Dt : 09/06/2004	Dt : 27/11/2002					
149	1616/DELNP/2004	PCT/EP02/13906	101 62 747.5 DT. 20/12/2001 Germany.	Germany	Bayer Materialscience AG, D-51368 Leverkusen, Germany.	Extrudable polycarbonate moulding compositions.	C08L 69/00
	Dt : 09/06/2004	Dt : 09/12/2002					
150	1617/DELNP/2004	PCT/IB02/05774		France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92100 Boulogne, Billancourt, France.	Processing data.	G06F 1/00
	Dt : 09/06/2004	Dt : 12/12/2002					
151	1618/DELNP/2004	PCT/EP02/13698	0116465 dt. 19/12/2001 France.	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F- 92100 Boulogne, Billancourt, France.	Image- Geometry Corrector for a cathode-ray tube.	H04N 3/237
	Dt : 09/06/2004	Dt : 04/12/2002					
152	1619/DELNP/2004	PCT/KR02/02269	2201-76756 & 2001- 76757 dt. 5/12/2001 Korea.	Korea	L.G. Electronics Inc., 20, Yoido-Dong, Youngdungpo-gu, Seoul, Korea.	Error detection code generating method and error detection code generator.	H04B 1/69
	Dt : 09/06/2004	Dt : 02/12/2002					
153	1620/DELNP/2004	PCT/US2003/000575	10/043,473 dt. 10/1/2002 US	United States of America	Cutler, Charles, R. 38 Mockingbird Lane, P.D. Box 640, Camp Wood, Texas 78833, USA	Method for removal of pid dynamics from MPC	g05B 21/00
	Dt : 09/06/2004	Dt : 24/07/2003					

					Texas 78833, USA	from MPC models.	
154	1621/DELNP/2004	PCT/US2002/038180	03/998,552 & 10/306,258 dt. 29/11/2001 & 27/11/2002 USA	United States of America	Wisconsin Alumni Research Foundation, 614 Walnut Street, Madison WI 53707-7365, USA	Low-temperature hydrogen production from oxygenated hydrocarbons.	C01B 3/02
	Dt : 09/06/2004	Dt : 27/11/2002					
155	1622/DELNP/2004	PCT/US02/040412	60/342262 dt. 18/12/2001 USA	United States of America	Fluor Corporation, One Enterprise Drive, Aliso Viejo, CA 92656, USA	Combined recovery of hydrogen and hydrocarbon liquids from hydrogen containing gases.	F25J 3/00
	Dt : 09/06/2004	Dt : 17/12/2002					
156	1623/DELNP/2004	PCT/US02/040363	60/342,261 dt. 18/12/2001 USA	United States of America	Fluor Corporation, One Enterprise Drive, Aliso Viejo, CA 92656, USA	PSA Sharrng.	B01D 53/047
	Dt : 09/06/2004	Dt : 17/12/2002					
157	1624/DELNP/2004	PCT/EP02/14011	10/006,881 dt. 10/12/2001 USA	Swaziland	Baxter Healthcare S.A., Hertistrasse 2, CH -8304, Walsellen, Switzerland.	Method for large scale production of virus antigen.	C12N 7/02
	Dt : 10/06/2004	Dt : 10/12/2002					
158	1625/DELNP/2004	PCT/US02/38655	60/337,790 & 60/372,385 dt. 10/12/2001 & 15/4/2002 USA	United States of America	Joseph Robert Knight, 5737, Kanan Road, # 143, Agoura Hills, California 91301, USA	Beverage treated with nicotine.	A23L
	Dt : 10/06/2004	Dt : 04/12/2002					
159	1626/DELNP/2004	PCT/IB03/00117	60/351,420 dt. 28/1/2002 USA	United States of America	Pfizer Inc., 235 East 42nd Street, New York, New York 10017, USA	Increased-dosage nelfinavir tablet and method of making same.	A61K 9/20
	Dt : 10/06/2004	Dt : 16/01/2003					
160	1627/DELNP/2004	PCT/EP02/13875	0116070 dt. 11/12/2001 France.	Belgium	Solvay (Societe Anonyme), 33 rue du Prince Albert, B-1050, Brussels, Belgium.	Process for recovering a polymer in solution.	C08J 3/14
	Dt : 10/06/2004	Dt : 05/12/2002					
161	1628/DELNP/2004	PCT/US02/36611	10/036,567 dt. 21/12/2001 USA	United States of America	Noveon IP Holdings Corp., 9911 Brecksville Road, Cleveland, Ohio 44141-3247, USA	Extrudable highly crystalline thermoplastic polyurethanes	C08G 18/65
	Dt : 10/06/2004	Dt : 14/11/2002					
162	1829/DELNP/2004	PCT/GB02/05743	WTO 0104333-0 dt. 19/12/2001 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	3-Phenyl-2-arylalkylthiopr opionic acid derivatives as selective agonists of ppar-alpha.	C07C 323/56
	Dt : 10/06/2004	Dt : 18/12/2002					
163	1630/DELNP/2004	PCT/EP01/15031		Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-164 83 Stockholm, Sweden.	Method for migrating subscriber data between different servers of a telecommunications network.	H04Q 7/38
	Dt : 10/06/2004	Dt : 18/12/2001					



164	1631/DELNP/2004 Dt : 10/06/2004	PCT/EP02/14671 Dt : 20/12/2002	2363/01 & 1190/02 dt. 21/12/2001 & 5/7/2002 Switzerland.	Swaziland	Syngenta Participations AG, Schwarzwaldallee 215, CH-4058, Basel, Switzerland.	Avermectin B1 Derivatives having an aminosulfonyl oxy substituent in the 4"- position.	C07H 17/00
165	1632/DELNP/2004 Dt : 10/06/2004	PCT/GB02/05845 Dt : 20/12/2002		Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Substituted quinazoline derivatives as inhibitors of aurora kinases.	A61K 31/517
166	1633/DELNP/2004 Dt : 10/06/2004	PCT/IL02/01003 Dt : 12/12/2002	147100 dt. 13/12/2001 Israel.	Israel	Dialit Ltd., Hahofer 12, 58117, Holon, Israel.	System and method for automatic gemstone polishing.	
167	1634/DELNP/2004 Dt : 10/06/2004	PCT/US02/39822 Dt : 13/12/2002	10161309.1 dt. 13/12/2001 Germany.	United States of America	Sun Chemical Corporation, 222 Bridge Plaza South, Fort, Lee, New Jersey 07024, USA	Waterless waterwashabl e offset printing ink and method of production thereof.	C09D 11/10
168	1635/DELNP/2004 Dt : 10/06/2004	PCT/US02/39095 Dt : 06/12/2002	09/683,267 dt. 6/12/2001 USA	United States of America	Powerspan Corp., P.O. Box 219, 54 Old Bay Road, New Durham, NH 03855, USA	Nox. HG, and SO2 Removal Using ammonia.	C01B 17/60
169	1636/DELNP/2004 Dt : 10/06/2004	PCT/US01/49104 Dt : 18/12/2001		United States of America	UOP LLC, 25 East Algonquin Road, Des Plaines, Illinois 60017- 5017, USA	Adsorptive separation product recovery by fractional distillation.	C07C 7/14
170	1637/DELNP/2004 Dt : 10/06/2004	PCT/KR02/02142 Dt : 16/11/2002	2002- 0002388 dt. 15/11/2002 Korea.	Korea	Choi, Kwang-soo, #2-801, Lotte APT, 414 Hyoja- dong 1-ga, wansan-gu, 560-857, Jeonju, Korea.	The liquid composition for promoting plant growth, which includes nano-particle titanium dioxide.	
171	1638/DELNP/2004 Dt : 10/06/2004	PCT/IL2002/000145 Dt : 26/02/2004		israel	Mizrahi, Benny, Kalanyot Street, 18, Givat-Avni, 15227, Lower-Galile ,Israel.	Clothes Dryer.	F26B 11/00
172	1639/DELNP/2004 Dt : 10/06/2004	PCT/EP02/14895 Dt : 27/12/2002	0104471-8 & 60/342,771 dt. 28/12/2001 Sweden & USA	Sweden	Cellartis AB, Arvid Wallgrens Backe 20, 413 46 Goteborg, Sweden.	A method for the establishment of a pluripotent human blastocyst- derived stem cell line.	C12N 5/08
173	1640/DELNP/2004 Dt : 10/06/2004	PCT/AT02/0363 Dt : 19/12/2002	A2042/2001 dt. 27/12/2001 Austria.	Austria	Lenzing Aktiengesellschaft, Werkstrasse 2, A-4860, Lenzing, Austria.	Device for producing cellulosic staple fibres.	D01G 1/04

174	1641/DELNP/2004	PC/IB02/00389	2802582.2 dt. 2/4/2003 CN	India	Council of Scientific and Industrial Research, Rafi Marg, N. Delhi.	Fermented herbal health drink from plant andrographis.	C12C 12/00
	Dt : 11/06/2004	Dt : 25/01/2002					
175	1642/DELNP/2004	PCT/EP02/13714	101 62 593.6 dt. 19/12/2001 Germany.	Germany	Menarini Ricerche, S.P.A., Via Tito Speri, 10, I- 00040, Pomezia (RM) Italy and Berlin-Chemie AG, Glienicke Weg, 125, 12489, Berlin, Germany.	Stabilized brivudine topical formulations.	A61K 31/7072
	Dt : 11/06/2004	Dt : 04/12/2002					
176	1643/DELNP/2004	PCT/EP02/14274	101 63 667.9 dt. 21/12/2001 Germany.	Germany	HF Arzneimittelforschung GMBH, St. Johannes 5, 59368 Werne, Germany.	Use of Deoxypeganin e for treating clinical depression.	A61K 31/519
	Dt : 11/06/2004	Dt : 14/12/2002					
177	1644/DELNP/2004	PCT/CA02/01852	2,364,213 dt. 3/12/2001 Canada.	Canada	Cominco Engineering Services, Ltd., Suite 600- 200 Burrard Street, Vancouver, British Columbia, Canada. V6C 3L6.	Process for the treatment of molybdenum concentrate also containing copper	C22B 34/34
	Dt : 11/06/2004	Dt : 02/12/2002					
178	1645/DELNP/2004	PCT/NL02/00823	1019562 dt. 13/12/2001 The Netherlands.	Netherlands	Heineken Technical Services B.V., 2e Weteringplantsoen 21, 1017 ZD, Amsterdam, The Netherlands.	Valve assembly for use in dispensing beverage.	B76D 1/08
	Dt : 11/06/2004	Dt : 12/12/2002					
179	1646/DELNP/2004	PCT/US02/37900	10/005,083 dt. 4/12/2001 USA	United States of America	The Gates Corporation, 900 South Broadway, Denver, Colorado 80209, USA	Spindle sleeve with transponder.	G06K 19/07
	Dt : 11/06/2004	Dt : 25/11/2002					
180	1647/DELNP/2004	PCT/EP02/14277		Ireland	Tibotec Pharmaceuticals Ltd., Little Island, CO Cork, Ireland.	Combination of cytochrome P450 dependent protease inhibitors.	A61K 31/365
	Dt : 11/06/2004	Dt : 12/12/2002					
181	1648/DELNP/2004	PCT/FR02/04504	01/16661 dt. 21/12/2001 France.	France	Areva T&D SA, 3, avenue Andre Malraux, Le Sextant, F-92309 Levallois-Perret Cedex, France.	A metal-clad substation element hinged to the ground.	H02B 5/00
	Dt : 11/06/2004	Dt : 20/12/2002					
182	1649/DELNP/2004	PCT/IB02/05412	0104401-5 dt. 21/12/2001 Sweden.	Denmark	Bang & Olufsen Icepower A/S Gl. Lundtoftevej 1B, Stuen, DK-2800 Lyngby, Denmark.	Synchronized controlled oscillation modulator.	H03F 3/38
	Dt : 11/06/2004	Dt : 16/12/2002					
183	1650/DELNP/2004	PCT/IB02/05324	0130005.2 dt. 14/12/2001 GB	United Kingdom	Element Six Limited, Isle of Man Freeport, Ballasalla, Isle of Man, IM99 6AQ, UK.	Boron doped diamond.	C03B 25/10
	Dt : 11/06/2004	Dt : 13/12/2002					
184	1651/DELNP/2004	PCT/NL02/00876		Great Britain	Astrazeneca UK Limited, 15 Stanhope Gate, London W1K 1LN, GB.	Process for the preparation of 2-[6- substituted- 1,3-dioxane- 4-yl] acetic acid derivates.	C07D 319/06
	Dt : 11/06/2004	Dt : 09/12/2002					
185	1652/DELNP/2004	PCT/EP02/13259	101 61 659.7 dt.	Germany	Deutsche Montan Technologie GMBH, Am	Coke oven door with	C10B 25/16

	Dt : 11/06/2004	Dt : 26/11/2002	14/12/2001 Germany.		Technologiepark 1, 45307, Essen, Germany.	wraparound gas channel and membrane.	
186	1653/DELNP/2004	PCT/JP00/04893	11/209036 & 11/223639 dt. 23/7/1999 & 6/8/1999 Japan.	Germany	Mitsui Chemicals Inc., 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100- 6070, Japan and Degussa A.G., Benningsenplatz 1, 40474, Dusseldorf, Germany.	A rubber composition for extrusion and molding and applications thereof.	C08L 23/16
	Dt : 11/06/2004	Dt : 21/07/2000					
187	1654/DELNP/2004	PCT/US02/35021	60/335,991 & 10/284,968 dt. 15/11/2001 & 31/10/2002 USA	United States of America	PG Research Foundation, Inc., 8205, South Cass Avenue, Suite 111, Darien, Illinois 60561, USA	Improved purification of 4,4'(5')-Di-t- butylcyclohex- ano-18- crown-6.	C07C
	Dt : 11/06/2004	Dt : 01/11/2002					
188	1655/DELNP/2004	PCT/US02/36552	60/350,488 & 60/357,288 dt. 13/11/2001 & 15/2/2002 USA	United States of America	Emisphere Technologies, Inc., 765 Old Saw Mill River Road, Tarrytown, New York 10591, USA	Phenoxy amine compounds and compositions for delivering active agents.	C07D 265/30
	Dt : 11/06/2004	Dt : 13/11/2002					
189	1656/DELNP/2004	PCT/BB01/01538	09/613,263 dt. 10/7/2000 USA	Barbados	Ingeneus Corporation, of Barbados, of chancery House, High Street, Bridgetown, Barbados.	A watson- crick triplex complex.	C12Q
	Dt : 11/06/2004	Dt : 09/07/2001					
190	1657/DELNP/2004	PCT/US02/33503	09/683,346 and 10/063,906 dt. 17/12/2001 & 22/5/2002 USA.	United States of America	General Electric Company, of One River Road, Schenectady, New York 12345, USA.	Colored Optical Discs and methods for making the same.	C11B 7/00
	Dt : 11/06/2004	Dt : 16/10/2002					

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	1658/DELNP/2004 Dt : 14/06/2004	PCT/US02/41420 Dt : 23/12/2002	10/033317, Dt. 28/12/2001, USA	France	M/S. Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne (FR), France	Method for displaying epg video-clip previews on demand	
2	1659/DELNP/2004 Dt : 14/06/2004	PCT/AU02/01625 Dt : 29/11/2002	PCT/AU01/01546, Dt. 29/11/2001, Australia	Australia	M/s Origin energy Solar Pty. Ltd., Level 39,50 Bridge Street, Sydney NSW 2000, Australia	Semiconductor texturing process	H01L 31:236
3	1660/DELNP/2004 Dt : 14/06/2004	PCT/AU02/01550 Dt : 14/11/2002	PR 8864 dt. 14/11/2000 AU	Australia	CMTE Development Limited., of Building 101, UQ Pinjarra Hills Campus, 2436 Moggill Road, Pinjarra Hills, queensland, 4069, Australia.	Fluid drilling head.	E21B 7/18
4	1661/DELNP/2004 Dt : 14/06/2004	PCT/NL02/00830 Dt : 13/12/2002	1019565, Dt. 14/12/2001, Netherlands	Neherlands	Norit Membraan technologie B.V., Marssteden 50, 7547 Tc Enschede, The Netherlands	Membrane filter housing and method of using the same	B01D 65/00
5	1662/DELNP/2004 Dt : 14/06/2004	PCT/US02/39951 Dt : 13/12/2002	60/340541, Dt. 13/12/2001, USA	United States of America	Techcom international Inc 10000 SW 52nd Avenue, Suite 177 Gainesville, FL 32608, USA	High protein, low carbohydrate vdough and bread products and method for making same	A21D 2/26
6	1663/DELNP/2004 Dt : 14/06/2004	PCT/CA02/01911 Dt : 12/12/2002	10/014846, Dt. 14/12/2001, USA	Canada	Monteris Medical, Inc. 351 Tache Avenue, Winnipeg, Manitoba R2H 2A6, Canada	Hyperthermia treatment and probe therefor	A61B 19/00
7	1664/DELNP/2004 Dt : 14/06/2004	PCT/US02/41081 Dt : 23/12/2002	10/024472, Dt. 21/12/2001, USA	Switzerland	Accenture global Services GmbH, Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen, Switzerland	Delivery of goods to electronic storage lockers	G06F 17/60
8	1665/DELNP/2004 Dt : 14/06/2004	PCT/US99/09845 Dt : 06/05/1999	60/084478, Dt. 06/05/1998, USA	France	Galderma Research & Development S.N.C., 635 route des Lucioles, Sophia-Antipolis, F-06560 Valbonne, France	A pharmaceutical/cosmetic/dermatological composition that alters the pigmentation of human skin and/or hair upon topical application	
9	1666/DELNP/2004 Dt : 14/06/2004	PCT/IB02/05771 Dt : 13/12/2002	0129864.5, Dt. 13/12/2001, UK	Denmark	Danisco a/s, Langerbrogade 1, P.O. Box 17, DK-1001 Copenhagen K, Denmark	Animal feed	A23K 1/00
10	1667/DELNP/2004	PCT/US03/01055	60/349222, Dt. 18/01/2002, USA	Germany	Schering Aktiengesellschaft, Müllerstrasse 178,	stabilized formulations of adenovirus	A61K 47/10

					13353 Berlin, Germany		
	Dt : 14/06/2004	Dt : 15/01/2003					
11	1668/DELNP/2004	PCT/EP02/13901	10163582.6, Dt. 21/12/2001, Germany	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92100 Boulogne- Billancourt, France	Automatic gain control for a tuner	H03G 3/20
	Dt : 14/06/2004	Dt : 09/12/2002					
12	1669/DELNP/2004	PCT/FR02/04168	01/15661, Dt. 04/12/2001, France	France	Arjowiggins Canson, Vidalon- Davezieux, F-07100 Annonay, France	Sheet having a rough feel	D21H 27/28
	Dt : 14/06/2004	Dt : 04/12/2002					
13	1670/DELNP/2004	PCT/US02/40748	60/341867, Dt. 21/12/2001, USA	United States of America	Guilford Pharmaceuticals, Inc. 6611 tributary street, Baltimore, MD 21224, USA	Process for preparing water-soluble phosphonoxyethyl derivatives of alcohol and phenol	A61K
	Dt : 14/06/2004	Dt : 20/12/2002					
14	1671/DELNP/2004	PCT/EP02/13687	A 1961/2001, Dt. 14/12/2001, Austria	Austria	Voest-Alpine Industrieanlagenbau GmbH & Co. Turmstrasse 44, A- 4031 Linz, Austria	Tundish and process for producing a high-purity metal strand	B22D 41/08
	Dt : 14/06/2004	Dt : 04/12/2002					
15	1672/DELNP/2004	PCT/EP03/00555	0119/02, Dt. 22/01/2002, Switzerland	Switzerland	Syngenta Participations Ag, Schwarzwaldallee 215, CH-4058 Basel, Switzerland	Phenyl substituted heterocyclic compounds useful as herbicides	C07D 498/04
	Dt : 14/06/2004	Dt : 21/01/2003					
16	1673/DELNP/2004	PCT/US02/39522	60/342,869 & 10/314,753 dt. 20/12/2001 & 9/12/2002 USA	United States of America	Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, New York 14604- 2701, USA	Composition for treating contact lenses.	C11D 1/84
	Dt : 15/06/2004	Dt : 10/12/2002					
17	1674/DELNP/2004	PCT/EP99/01249	A533/98 dt. 25/3/1998 Austria.	Italy	Voest-Alpine Industrieanlagenbau GmbH, Turmstrasse 44, A- 4020, Linz, Austria and other	Process for continuously casting a thin strip and an apparatus for the same.	
	Dt : 15/06/2004	Dt : 26/02/1999					
18	1675/DELNP/2004	PCT/GB99/01150	WTO 98303872-0 dt. 15/5/1998 Europe.	United Kingdom	Amersham PLC, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA, UK.	Labelled glutamine and lysine analogues	
	Dt : 15/06/2004	Dt : 14/05/1999					
19	1676/DELNP/2004	PCT/US02/39534	10/014,832 dt. 11/12/2001 USA	United States of America	Clozex, LLC, 66 Maugus Avenue, Wellesley Hills, Massachusetts 02481-7616, USA	Bandage for wound or incision closure.	A61F 13/00
	Dt : 15/06/2004	Dt : 11/12/2002					
20	1677/DELNP/2004	PCT/CH01/00740		Switzerland	Synthes AG Chur, Grabenstrasse 15, CH-7002, Chur, Switzerland.	Device for performing osteosynthesis.	A01B 17/00
	Dt : 15/06/2004	Dt : 24/12/2001					
21	1678/DELNP/2004	PCT/RU99/00149	98109078 & 99101033 dt. 30/4/1998 & 18/1/1999 Russia.		Crystals and Technologies Ltd., ul. Garibaldi 15-1 Management room, Moscow 117335, Russia.	Stabilized and controlled electron sources, matrix systems of the electron sources, and method for production thereof.	
	Dt : 15/06/2004	Dt : 30/04/1999					
22	1679/DELNP/2004	PCT/CH02/00691		Liechtenstein	Mondobiotech Laboratories Anstalt, Austrasse	Novel pharmaceutical composition of interferon gamma or	A61K 38/21

	Dt : 15/06/2004	Dt : 12/12/2002			79, FL-9490, Vaduz, Liechtenstein.	pirfenidone with molecular diagnostics for the improved treatment of interstitial lung diseases.	
23	1680/DELNP/2004	PCT/EP02/14843	60/418,084 dt. 11/10/2002 USA	United States of America	Ortho-McNeil Pharmaceutical, Inc., Route 202, Raritan, New Jersey 08869, USA	Process for preparing 2-[substituted phenyl]-2-hydroxy-ethyl carbamates.	C07C 269/04
	Dt : 15/06/2004	Dt : 19/12/2002					
24	1681/DELNP/2004	PCT/IB02/05332	0130004 5 dt. 14/12/2001 GB	United Kingdom	Element Six Limited, Isle of Man Freeport, Ballasalla, Isle of Man, IM99 6AQ, UK.	Coloured diamond.	C30B 25/10
	Dt : 15/06/2004	Dt : 13/12/2002					
25	1682/DELNP/2004	PCT/US02/39398	10/016,855 dt. 13/12/2001 USA	United States of America	Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, New Jersey 07960, USA	Methods, systems and means for providing data communications between data equipment	H04B
	Dt : 15/06/2004	Dt : 10/12/2002					
26	1683/DELNP/2004	PCT/US02/35654	PCT/US01/49297 dt. 19/12/2001	United States of America	The Quigley Corporation, Kells Building, 621 North Shady Retreat Road, Doylestown Pennsylvania 18901-2514, USA	Method for treatment of peripheral Neural and vascular ailments.	A61K
	Dt : 15/06/2004	Dt : 06/11/2002					
27	1684/DELNP/2004	PCT/EP02/13785	MI2001A002708 dt. 20/12/2001 Italy	Italy	Polimeri Europa S.P.A., Via E. Fermi 4, I-72100 Brindisi, Italy	Device for the hot granulation of thermoplastic polymers	B29C 44/34
	Dt : 15/06/2004	Dt : 05/12/2002					
28	1685/DELNP/2004	PCT/EP99/01948	98105568.4 dt. 27/3/1998 EP	Germany	Boehringer Ingelheim Pharma GmbH & Co., Kg., Binger Strasse 173, D55216, Ingelheim am Rhein, Germany.	Peroral active agent suspension.	
	Dt : 15/06/2004	Dt : 23/03/1999					
29	1686/DELNP/2004	PCT/EP02/13788	MI2001A002706 dt. 20/12/2001 Italy	Italy	Polimeri Europa S.P.A., Via E. Fermi 4, I-72100 Brindisi, Italy.	Process and equipment for the production of granules of expandable thermoplastic polymers.	B29C 44/34
	Dt : 15/06/2004	Dt : 05/12/2002					
30	1687/DELNP/2004	PCT/US02/40598	10/025,116 dt. 19/12/2001 USA.	United States of America	Bristol-Myers Squibb Company, of P.O. Box 4000, Route 206 and province Line Road, Princeton, New Jersey 08543j-4000, USA.	Fused heterocyclic succinimide compounds and analogs thereof, modulators of of nuclears hormone receptor function.	C07D 401/00
	Dt : 15/06/2004	Dt : 18/12/2002					
31	1688/DELNP/2004	PCT/FR02/03436	01 16851 dt. 21/12/2001 France.		Airinspace Limited, Reid Hall, 3, Reid Street, Hamilton HM11, Les Bermudes.	Mobile aeraultic isolation device against airborne contamination, with variable geometry air diffuser.	F24F 9/00
	Dt : 15/06/2004	Dt : 09/10/2002					
32	1689/DELNP/2004	PCT/FR02/04544	01/16889 & 02/09415 dt. 27/12/2001 & 25/7/2002 France.	France	Societe De Conseils De Recherches Et D applications Scientifiques (S.C.R.A.S.) 42, Rue du Docteur	Derivatives of benzothiazole-4,7-dione and benzooxazole-4,7-dione, their prepration and their therapeutic uses.	C07D 271/04
	Dt : 15/06/2004	Dt : 24/12/2002					

					Blanche, F-75016, Paris, France.		
33	1690/DELNP/2004	PCT/US02/40392	10/021,069 dt. 19/12/2001 US	United States of America	Remco Technologies, Inc., 3290 Northeast 33rd Street, Fort Lauderdale, FL 33308, US	Use controller for a wireless communication device.	H04F 7/00
	Dt : 15/06/2004	Dt : 17/12/2002					
34	1691/DELNP/2004	PCT/CN02/00943	02109966.9 dt. 4/1/2002 CN	China	Li, Guangqi, NO. 59, Jingkai Road, Puyang City, Henan Province, China 457000.	Phytoprotein synthetic fibre and method of manufacture thereof.	D01F 8/02
	Dt : 15/06/2004	Dt : 31/12/2002					
35	1692/DELNP/2004	PCT/US02/38193	60/333,899 & 10/156,890 dt. 28/11/2001 & 29/5/2002 US	United States of America	J.M.Huber Corporation, 333 Thornall Street, Edison, NJ 08837- 2220, USA	Calcium metasilicates and methods for making the same.	C01B 33/26
	Dt : 15/06/2004	Dt : 26/11/2002					
36	1693/DELNP/2004	PCT/IB01/02329		India	Ranbaxy Laboratories Limied, 19 Nehru Place, N.Delhi.	Isotretinoin nanoparticulate compositions	A61K
	Dt : 15/06/2004	Dt : 06/12/2001					
37	1694/DELNP/2004	PCT/IB02/05315		India	Ranbaxy Laboratories Limied, 19, Nehru Place, N.Delhi.	Crystalline Cefdinir potassium dihydrate.	C07D 501/22
	Dt : 15/06/2004	Dt : 12/12/2002					
38	1695/DELNP/2004	PCT/CN02/00226	01144638.2 dt. 21/12/2001 China.	China	Huawei Technologies Co. Ltd., Huawei Service Center Building, Kefa Road, Science- based Industrial Park, Nánshan District, Shenzhen, 518057, Guangdong, P.R.China.	Method for determining encryption algorithm used in security communication based on mobile country code.	H04Q 7/20
	Dt : 15/06/2004	Dt : 29/03/2002					
39	1696/DELNP/2004	PCT/JP03/00263	2002-009373 dt. 18/1/2002 Japan.	Japan	Kyorin Pharmaceutical Co. Ltd., 5, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101-8311, Japan.	Fused bicyclic pyrimidine derivative.	C07D 498/04
	Dt : 15/06/2004	Dt : 15/01/2003					
40	1697/DELNP/2004	PCT/GB02/05911	0130684.4 dt. 21/12/2001 UK	England	Oxford Biosensors Limited, Oxford Industrial Park, Mead Road, Yarnton, Oxfordshire OX5 1QU, England.	Micro-band electrode.	GN0 127/00
	Dt : 16/06/2004	Dt : 23/12/2002					
41	1698/DELNP/2004	PCT/EP02/14561	0130659.6 dt. 21/12/2001 UK	Netherlands	Unichema Chemie BV., Buurtje 1, NL- 2802, AA Grouda, Netherlands.	Coating composition.	C09D 163/00
	Dt : 16/06/2004	Dt : 19/12/2002					
42	1699/DELNP/2004	PCT/SE02/00139		Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	Method for interference source identification.	H04Q 7/34
	Dt : 16/06/2004	Dt : 25/01/2002					
43	1700/DELNP/2004	PCT/GB02/05737	10/035,879 dt. 26/12/2001 USA	Canada	Nortel Networks Limited, 2351 Boulevard Alfred- Nobel st., Laurent,	Methods of optimising power amplifier efficiency and closed- loop power amplifier	H03F
	Dt : 16/06/2004	Dt : 18/12/2002					



					Nobel st., Laurent, Quebec H4S 2A9, Canada.	loop power amplifier controllers.	
44	1701/DELNP/2004	PCT/US02/36497	60/346,700 dt. 5/1/2002 USA	United States of America	Motorola Inc., 1303, East Algonquin Road, Schaumburg, Illinois 60196, USA	Packet data serving node initiated updates for a mobile communication system	H04L 12/56
	Dt.: 16/06/2004	Dt.: 13/11/2002					
45	1702/DELNP/2004	PCT/ZA02/00203	2001/10197 dt. 11/12/2001 South Africa.	South Africa	Blue Cube Intellectual Property Company (Pty) Ltd., 93 Main Road, Strand 7140 South Africa.	Radiation detecting device for use with a furnace.	G01T
	Dt.: 16/06/2004	Dt.: 11/12/2002					
46	1703/DELNP/2004	PCT/IB03/00013	50/347,879 dt. 3/1/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Process and intermediates for pyridazinone antidiabetic agents	C07D 405/12
	Dt.: 16/06/2004	Dt.: 03/01/2003					
47	1704/DELNP/2004	PCT/GB02/05614	0130055.7 dt. 14/12/2001 UK	England	Technology Innovation Limited, 45 Boundary Road, West Bridgford, Nottingham NG2 7BZ, England.	Medicament packaging and dispenser.	A61M 15/00
	Dt.: 16/06/2004	Dt.: 11/12/2002					
48	1705/DELNP/2004	PCT/US02/10679	60/342,440, 60/342,351, 60/348,182, 10/074,409, 60/359,157 dt. 18/12/2001, 21/12/2001, 11/1/2002, 12/2/2002, 21/2/2002 USA	Israel	Teva Pharmaceutical Industries Ltd., 5, Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel.	Polymorphs of clopidogrel hydrogensulfate.	A61K 31/44
	Dt.: 16/06/2004	Dt.: 18/12/2002					
49	1706/DELNP/2004	PCT/US02/39528	60/341,671, 60/341,797, 60/341,720 60/341,800, 60/341,801, 60/341,819, 60/341,799, 60/366,331 dt. 15/12/2001, 20/3/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648, Boulogne, France.	Quality of service setup on a time reservation basis.	H04L
	Dt.: 16/06/2004	Dt.: 11/12/2002					
50	1707/DELNP/2004	PCT/CH02/00899	2355/01 dt. 20/12/2001 Switzerland.	Switzerland	Aisapack Holding SA, Rue de la Pralise, CH-1896, Vouvry, Switzerland.	Heat-sealing device for packaging material	B23K 13/02
	Dt.: 16/06/2004	Dt.: 16/12/2002					
51	1708/DELNP/2004	PCT/US02/00127	10/055,335 dt. 23/1/2002 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Method and system for simultaneous management of multiple tokens on a communication ring.	H04L 12/433
	Dt.: 16/06/2004	Dt.: 15/01/2002					
52	1709/DELNP/2004	PCT/YU02/00027	P-679/01 dt. 12/12/2001 Yugoslvia.		Rajic Vladimir, Caa Lazara 101, 21234 Backi Jarak, Serbia and Montenegro. and other	Selective flotation agent and flotation method.	B03D 1/12
	Dt.: 16/06/2004	Dt.: 12/12/2002					
53	1710/DELNP/2004	PCT/US03/02611	10/059,665 dt. 29/1/2002 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Object-oriented framework for generic adaptive control.	G06F 9/45
	Dt.: 16/06/2004	Dt.: 29/01/2003					

54	1711/DELNP/2004	PCT/EP03/00319	102 01 725.5 dt. 18/1/2002 Germany.	Germany	Boehringer Ingelheim Pharma GmbH & Co., Kg., Binger Strasse 173, D55216, Ingelheim am Rhein, Germany.	Process for preparing and purifying 1,7'- dimethyl-2'-propyl-2,5'- BI-1H-benzimidazole.	C07D 235/18
	Dt : 17/06/2004	Dt : 15/01/2003					
55	1712/DELNP/2004	PCT/US02/40933	10/033080, Dt. 26/12/2001, USA	United States of America	Raytheon Company, 141 Spring Street, Lexington, Massachusetts 02421, USA	Semiconductor device for article identification using intermodulation product of different interrogation frequencies	G06K 19/067
	Dt : 17/06/2004	Dt : 23/12/2002					
56	1713/DELNP/2004	PCT/US02/39186	60/342,599 dt. 20/12/2001 USA	United States of America	Pharmacia Corporation, 700 Chesterfield Parkway West, Chesterfield, Missouri 63017- 1732, USA	Pharmaceutical suspension for oral administration.	A61K 9/10
	Dt : 17/06/2004	Dt : 09/12/2002					
57	1714/DELNP/2004	PCT/IB03/00209	60/353,719 dt. 1/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Controlled release pharmaceutical dosage forms of a cholesteryl ester transfer protein inhibitor.	A61K 31/4706
	Dt : 17/06/2004	Dt : 20/01/2003					
58	1715/DELNP/2004	PCT/GB02/04930	0127355.6, 0224341.8, Dt. 14/11/2001, 19/10/ 2002, GB	Great Britain	Qinetiq Limited, 85 Buckingham Gate, London SW 1E 6PD, Great Britain	Antenna system	H01Q 3/30
	Dt : 17/06/2004	Dt : 31/10/2002					
59	1716/DELNP/2004	PCT/CA02/01908	10/017,212 dt. 13/12/2001 USA	Canada	Sierra Wireless, Inc., 13811 Wireless Way, Richmond, British Columbia V6V 3A4, Canada.	System and method for platform activation	G06F 1/00
	Dt : 17/06/2004	Dt : 12/12/2002					
60	1717/DELNP/2004	PCT/US03/01710	60/350,767 & 60/380,656 dt. 22/1/2002 & 15/5/2002 USA	United States of America	Pharmacia & Upjohn Company, 301, Henrietta Street, Kalamazoo, Michigan 49007, USA	Infection-resistant medical devices	A61L 2/16
	Dt : 17/06/2004	Dt : 21/01/2003					
61	1718/DELNP/2004	PCT/CA02/01893	2,364,817 dt. 11/12/2001 Canada.	Canada	Photonami Inc., 50 Mural Street, Units 10-11, Richmond Hill, Ontario L4B, 1E4, Canada.	Phase shifted surface emitting DFB laser structures with gain or absorptive gratings.	H01S 5/18
	Dt : 17/06/2004	Dt : 11/12/2002					
62	1719/DELNP/2004	PCT/EP02/14349	Mi20001A002749, Dt. 21/12/2001, Italy	Italy	Chiesi Farmaceutici S.p. A., Via Palermo, 26/A, I- 43100 Parma, Italy	Process for preparation of inclusion compounds between a non-steroidal anti-inflammatory drug and betacyclodextrin by microwave treatment	A61K 47/48
	Dt : 17/06/2004	Dt : 17/12/2002					
63	1720/DELNP/2004	PCT/US02/40916	10/037,427 dt. 2/1/2002 USA	United States of America	The Gates Corporation, 900 South Broadway, Denver, Colorado 80209, USA	Lift belt and system.	B65B 7/06
	Dt : 17/06/2004	Dt : 20/12/2002					
64	1721/DELNP/2004	PCT/US02/40605	60/344322, Dt. 20/12/2001, USA	United States of America	Bristol-Myers Squibb Company, P. O. Box 4000, route 206 and Province Line Road, Princeton, New	Alpha-[n-sulfonamido] acetamide derivatives as beta-amyloid inhibitors	C07C 237/04
	Dt : 17/06/2004	Dt : 20/12/2002					

					Jersey 08543-4000, USA			
65	1722/DELNP/2004	PCT/US02/41063	10/029,821 dt. 20/12/2001 USA	United States of America	Black & Decker Inc., 1207, Drummond Plaza, Newark, Delaware 19711, USA	Brushless motor having housing enabling alignment of stator and sensor.	H02K 11/00	
	Dt : 17/06/2004	Dt : 20/12/2002						
66	1723/DELNP/2004	PCT/EP02/13672	01130738.6, Dt. 21/12/2001, EPO	Germany	Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Munich, Germany	Device for detecting and displaying movements	G06K 11/18	
	Dt : 17/06/2004	Dt : 03/12/2002						
67	1724/DELNP/2004	PCT/US02/36870	10/024,850 dt. 18/12/2001 USA	United States of America	RF Saw Components, Incorporated, 900 Alpha Drive, Suite 400, Richardson, TX 75081, US	Surface acoustic wave identification tag having enhanced data content and methods of operation and manufacture thereof.	G06K 19/067	
	Dt : 17/06/2004	Dt : 18/11/2002						
68	1725/DELNP/2004	PCT/US03/01454	60/349,117, 60/376,337, 60/388,895 & 60/411,988 dt. 16/1/2002, 29/4/2002,14/6/20 02, 19/9/2002 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, US	Corticotropin releasing factor receptor 2 agonists.	C07K 14/575	
	Dt : 17/06/2004	Dt : 16/01/2003						
69	1726/DELNP/2004	PCT/US03/01451	60/349,117, 60/376,337, 60/388,895 & 60/411,988 dt. 16/1/2002, 29/4/2002,14/6/20 02, 19/9/2002 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, US	Corticotropin releasing factor 2 receptor agonists.	C07K 14/00	
	Dt : 17/06/2004	Dt : 16/01/2003						
70	1727/DELNP/2004	PCT/US03/00707	60/346898, 60/361073, 60/388315, Dt. 11/01/2002, 01/03/2002, 14/06/2002, USA	United States of America	Gmp Endotherapeutics, Inc., One East Broward Boulevard, Suite 1701, FT Lauderdale, FL 33301, USA	Assay for the detection of factors that modulate the expression of ingap	C12N	
	Dt : 17/06/2004	Dt : 10/01/2003						
71	1728/DELNP/2004	PCT/US03/01461	60/349,117, 60/376,337, 60/388,895 & 60/411,988 dt. 16/1/2002, 29/4/2002,14/6/20 02, 19/9/2002 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, US	Corticotropin releasing factor 2 receptor agonists.	C07K 14/00	
	Dt : 17/06/2004	Dt : 16/01/2003						
72	1729/DELNP/2004	PCT/EP02/12423	MI2001A002752, Dt. 21/12/2001, Italy	Italy	Perfetti Van Melle S.P.A., Via xxv Aprile, 7/9, I-20020 Lainate, Italy	Chewing gums and process for the manufacture thereof	A23G 3/30	
	Dt : 17/06/2004	Dt : 07/11/2002						
73	1730/DELNP/2004	PCT/JP03/02679	2002-068613, Dt. 13/03/2002, Japan	Japan	Daikin Industries, Ltd., Umeda Center ZBldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka 530-8323, Japan	Scroll type fluid machine		
	Dt : 17/06/2004	Dt : 05/03/2003						
74	1731/DELNP/2004	PCT/US02/41315	10/026,870 dt. 20/12/2001 US	United States of America	Thermage, Inc., 4058, Point Eden Way Hayward, CA	Fluid delivery apparatus	A61B 18/14	

94545, USA

	Dt : 18/06/2004	Dt : 19/12/2002					
75	1732/DELNP/2004	PCT/AU02/01733	PR 9678, PS 0647, PS 1610, Dt. 20/12/2001, 21/02/2002, 08/04/2002, Australia	United States of America	Endogene Pty Ltd., 6/41 Alphington Street, Alphington, Victoria, 3078, Australia	Self-advancing device	A61B 1/015
	Dt : 18/06/2004	Dt : 20/12/2002					
76	1733/DELNP/2004	PCT/IB03/00059	60/350877, Dt. 22/01/2002, USA	United States of America	Warner-Lambert Company LLC, 201 Tabor Road, Morris Plains, New Jersey 07950, USA	2-(pyridin-2-ylamino)-pyrido [2,3-d] pyrimidin-7-ones	C07D 471/04
	Dt : 18/06/2004	Dt : 10/01/2003					
77	1734/DELNP/2004	PCT/IB03/00060	0201389.4, 0202027.9, 22/01/2002, 29/01/2002, GB	United States of America	Pfizer Inc., 235 East 42nd Street, New York, New York 10017, USA	3-(imidazolyl)-2-alkoxypropanoic acids	A61K 31/4172
	Dt : 18/06/2004	Dt : 10/01/2003					
78	1735/DELNP/2004	PCT/US02/41468	60/342755, Dt. 28/12/2001, USA	United States of America	Guilford Pharmaceuticals Inc., 6611 Tributary Street, Baltimore, MD 21224, USA	Aqueous based pharmaceutical formulations of water-soluble prodrugs of propofol	A61K
	Dt : 18/06/2004	Dt : 26/12/2002					
79	1736/DELNP/2004	PCT/US02/38300	10/024815, Dt. 18/12/2001, USA	United States of America	Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, New Jersey 07960, USA	Sensor formed on silicon on insulator structure and having reduced power up drift	G01L 9/06
	Dt : 18/06/2004	Dt : 03/12/2002					
80	1737/DELNP/2004	PCT/US02/40591	60/342673, 60/384611, Dt. 20/12/2001, 31/05/2002, USA	United States of America	Praxair Technology, Inc., 39 Old Ridgebury Road, Danbury, Connecticut 06810-5113, USA	Method and apparatus for gas purification	B01D 53/047
	Dt : 18/06/2004	Dt : 19/12/2002					
81	1738/DELNP/2004	PCT/EP03/01308	0203020.3 dt. 8/2/2002 UK	England	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, England	Piperidine derivatives.	C07D 487/04
	Dt : 18/06/2004	Dt : 10/02/2003					
82	1739/DELNP/2004	PCT/CA02/01770	2,363,409 dt. 20/11/2001 Canada.	Canada	Microbonds, Inc., 151 Amber Street, Unit 1, Markham, Ontario L3R 3B3, Canada	A wire bonder for ball bonding insulated wire and method of using same.	B23K 20/00
	Dt : 18/06/2004	Dt : 19/11/2002					
83	1740/DELNP/2004	PCT/US02/40063	10/017,879 dt. 14/12/2001 US	United States of America	MMFX Technologies Corporation, 2, Corporate Park, Suite 102, Irvine, CA 92606, USA	Nano-composite martensitic steels.	C22C 38/00
	Dt : 18/06/2004	Dt : 12/12/2002					
84	1741/DELNP/2004	PCT/EP02/14639	01/17139, Dt. 28/12/2001, France	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France	Process for updating a revocation list of noncompliant keys, appliances or modules in a secure system for broadcasting content	H04N 7/16
	Dt : 18/06/2004	Dt : 20/12/2002					
85	1742/DELNP/2004	PCT/GB02/05804	0130351.0 dt. 19/12/2001 UK	England	ISIS Innovation limited, Ewert House, Ewert Place,	Cyclisation process for the preparation of substituted C-2 Beta-	C12F 17/10

	Dt : 18/06/2004	Dt : 19/12/2002			Summertown, Oxford OX2 7SG, England.	Lactam Compounds.	
86	1743/DELNP/2004	PCT/US02/40126	10/017,847 dt. 14/12/2001 USA	United States of America	MMFX Technologies Corporation, 2, Corporate Park, Suite 102., Irvine, CA 92606, USA	Triple-Phase Nano- Composite Steels.	C22C 38/00
	Dt : 18/06/2004	Dt : 12/12/2002					
87	1744/DELNP/2004	PCT/AU02/01741	PR 9724, Dt. 21/12/2001, Australia	Australia	Baby Bliss International Pty., Ltd, 4 deisia Street, Rosedale South, Queensland 4127, Australia	Two-part closure system and nozzle with groove	B65D 47/32
	Dt : 18/06/2004	Dt : 20/12/2002					
88	1745/DELNP/2004	PCT/EP02/04907	0130697.6 dt. 21/12/2001 GB	France	Placoplatre, 34, Avenue Franklin Roosevelt, F-92282 Suresnes, France.	Plasterboard.	E04C 2/04
	Dt : 18/06/2004	Dt : 20/12/2002					
89	1746/DELNP/2004	PCT/US02/41095	10/029,821 dt. 20/12/2001 USA	United States of America	Black & Decker, Inc., Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711, US	Brushless motor having capacitors mounted on sidewall of motor housing.	H02K 5/00
	Dt : 18/06/2004	Dt : 20/12/2002					
90	1747/DELNP/2004	PCT/GB02/05241	0129024.6 dt. 4/12/2001 GB	United Kingdom	Gary J. Hawkes, Flat 2, 11 Warrington Crescent, Little Venice, London W9 1ED, UK.	Methods and systems for using visual imagery and utilitarian articles to promote or demonstrate emotional and/or physical responses.	G06F 17/60
	Dt : 18/06/2004	Dt : 21/11/2002					

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	1748/DELNP/2004 Dt : 21/06/2004	PCT/US03/00013 Dt : 08/01/2003	60/437,559 and 10/328,607 dt. 9/1/2002 & 23/12/2002 USA	United States of America	Chen, Chung-Chin [US/US]; 625 Slaters Lane, 4th floor, Alexandria, VA 22314 (US). and LIN, Chung-Yu[---];29, Tunnel 152, Kuang Hwa 1st Rd., Kaohsiung (TW).	Method of searching an email address by means of a numerical code including a combination of specific phone numbers.	G06F 17/30
2	1749/DELNP/2004 Dt : 21/06/2004	PCT/US03/00591 Dt : 09/01/2003	10/044,633 dt. 11/1/2002 USA	France	Thomson Licensing S.A. 46, Quai a, le Gallo, 92648 Boulogne, cedex(FR), France.	Method and system for voice traffic concentration in an atm/dsl head-end network.	H01L 12/56
3	1750/DELNP/2004 Dt : 21/06/2004	PCT/US03/00588 Dt : 09/01/2003	10/044,260 dt. 11/1/2002 USA	France	Thomson Licensing S.A. 46, Quai a, le Gallo, 92648 Boulogne, cedex(FR), France.	Directory delivery system and method for a digital subscriber line modem.	H04M 11/00
4	1751/DELNP/2004 Dt : 21/06/2004	PCT/CA02/01956 Dt : 19/12/2002	10/020,875 dt. 19/12/2001 CA	Canada	Foster, Gordon Brian , 104, woodside Place, airdrie, Alberta, T4B 2E3, Canada & Specialized Weighing Devices.at 817, East Lake Road, Airdrie, Alberta T4b 2B8, Canada.	Dispenser for viscous fluids.	B41F 31/08
5	1752/DELNP/2004 Dt : 21/06/2004	PCT/US02/03885 9 Dt : 04/12/2002	60/338,767 dt. 4/12/2001 USA	Israel	Teva Pharmaceuticals Industries Ltd., at 5, Basel Street, P.O. Box 3190, 49131 Petach-Tikva, Israel.	Processes for the measurement of the potency of glitiramer acetate.	G01N 33/53
6	1753/DELNP/2004 Dt : 21/06/2004	PCT/NZ02/00286 Dt : 20/12/2002	518375, 516388, 516389 dt. 21/12/2001, 24/12/2001, 24/12/2001 NZ.	New Zealand	Brylton Software Ltd, 575 Colimbo Street, Christchurch, New Zealand.	Synchronised formative learning system, method and computer program.	G09B 5/12
7	1754/DELNP/2004 Dt : 21/06/2004	PCT/DK02/00787 Dt : 23/11/2001	60/331,989 dt. 23/11/2001 USA.	Denmark	Glud & Møretand A/S, of Hedenstøvej 14, DK-8723 Løsnings, Denmark.	A device for processing a three dimensional structure into a substrate..	B29C 59/02
8	1755/DELNP/2004 Dt : 21/06/2004	PCT/AU02/01571 Dt : 20/11/2002	PR 9045 dt. 23/11/2001 and PS 1760 dt. 16/4/2002 AU	Australia	Mark Andrew Fraser, of c/- Fraser Group, Level 17, 240 queen street, Brisbane, Queensland,	Shopping trolley.	B62B 3/14

					4000, Australia.		
9	1756/DELNP/2004	PCT/CA02/01830	60/336,632 dt. 3/12/2001 USA	Canada	University of British Columbia, of 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3, Canada.	Effectors of innate immunity.	C12Q 1/68
	Dt : 21/06/2004	Dt : 02/12/2001					
10	1757/DELNP/2004	PCT/EP2003/007 039	A 1167/2002 dt. 31/7/2002 Austria.	Austria	Philipp Gittler, Jodlgasse 7, A- 1130 Vienna, Austria.	Joint arranged between mutually mobile parts of a hydraulic machine.	F03B 11/00
	Dt : 21/06/2004	Dt : 02/07/2003					
11	1758/DELNP/2004	PCT/JP02/013244	P2002-308820 dt. 23/10/2002 Japan.	Japan	Chugoku Marine Paints, Ltd., 1-7, Meijishinkai, Ohtake-shi, Hiroshima 739- 0652, Japan.	Antifouling coating compositions, antifouling coating film and, covered with the antifouling coating film, marine vessel, underwater structure and fishing gear or fishing net.	C09D 5/16
	Dt : 21/06/2004	Dt : 18/12/2002					
12	1759/DELNP/2004	PCT/EP03/00260	02/000871.0 dt. 15/1/2002 EP	Swaziland	UCB Farchim SA, Z.I. Planchy, Chemin de Croix Blanche, 10; C.P. 411, CH-1630 Bulle, Switzerland.	Formulations.	A61K
	Dt : 21/06/2004	Dt : 14/01/2003					
13	1760/DELNP/2004	PCT/FR02/04291	01/16151 dt. 13/12/2001 France.	France	Valois S.A.S. B.P.G., Le Prieure, F-27110 Le Neubourg, France.	Fluid product dispensing valve and dispensing device comprising such a valve.	B65D 83/14
	Dt : 21/06/2004	Dt : 11/12/2002					
14	1761/DELNP/2004	PCT/BE02/00196	PCT/BE01/00221 & 0220145.7 dt. 21/12/2001 & 30/8/2002 Belgium & GB	Belgium	Thromb-X n.v., Leopold-I-straat 1 bus 21, B-3000 Leuven, Belgium.	Compositions for the in vitro derivation and culture of embryonic stem [ES] cell lines with germline transmission capability and for the culture of adult stem cells.	C12N 5/06
	Dt : 21/06/2004	Dt : 20/12/2002					
15	1762/DELNP/2004	PCT/SE03/00004	0200005-7 dt. 2/1/2002 Sweden.	Sweden	Dilafor AB, c/o Karolinska Innovations AB, Fogdevreten 2B, S-171 77 Stockholm, Sweden.	Use of sulfated glycosaminoglyca ns for establishing effective labor in women.	A61K 31/727
	Dt : 21/06/2004	Dt : 02/01/2003					
18	1763/DELNP/2004	PCT/US03/03053	60/355,591 dt. 7/2/2002 USA	United States of America	The Gleason Works, 1000 University Avenue, P.O. Box 22970, Rochester, NY 14692-2970, USA	Method of grinding cutting blades.	B24B 3/34
	Dt : 21/06/2004	Dt : 30/04/2003					
17	1764/DELNP/2004	PCT/FR02/04232	01/16750 dt. 21/12/2001 France.	France	Galderma Research &	Biphenylmethyl- thiazolidinediones	C07D 277/34

	Dt : 21/06/2004	Dt : 09/12/2002			Development, S.N.C. 635 route des Lucioles, Sorenia Antipolis, F-06560 Valbonne, France	and analogues and their use as ppar-gamma activators	
18	1765/DELNP/2004 Dt : 21/06/2004	PCT/US03/00284 Dt : 07/01/2003	10/041,338 dt. 8/1/2002 USA	United States of America	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196 USA	Method and apparatus for a redundant clock	H03L 9/14
19	1766/DELNP/2004 Dt : 21/06/2004	PCT/FR02/04481 Dt : 20/12/2002	01/16980 dt. 28/12/2001 France.	France	Mauna Kea Technologies, 9, rue d' Enghien, F-75010 Paris, France.	Confocal imaging equipment in particular for endoscopy	A61B 1/00
20	1767/DELNP/2004 Dt : 21/06/2004	PCT/FAR02/04482 Dt : 20/12/2002	01/16979 dt. 28/12/2001 France.	France	Mauna Kea Technologies, 9, rue d' Enghien, F-75010 Paris, France.	Miniaturized focusing optical head in particular for endoscope	A61B 1/07
21	1768/DELNP/2004 Dt : 21/06/2004	PCT/CA02/01961 Dt : 17/12/2002	60/341,758 dt. 21/12/2001 USA	Canada	Research in Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.	Handheld Electronic Device with keyboard.	H04M 1/000
22	1769/DELNP/2004 Dt : 22/06/2004	PCT/FR02/04533 Dt : 23/12/2002	01/17027 dt. 28/12/2001 FR	France	Valois Sas, of B.P. G, Le Prieure, F-27110 Le Neubourg France.	A fluid dispensing device.	A61M 15/00
23	1770/DELNP/2004 Dt : 22/06/2004	PCT/EP03/00231 Dt : 13/01/2003	02356006.3 dt. 14/1/2002 EPO	France	Adisseo France S.A.S., 42 Avenue Aristide Briand, 92160 Antony, France.	Process for the preparation of phytone.	C07C 45/69
24	1771/DELNP/2004 Dt : 22/06/2004	PCT/US02/41036 Dt : 19/12/2002	10/028,005 dt. 21/12/2001 USA	United States of America	Edward L. Boudreau, 29550 Skyline Road, Temecula, California 92561 USA	Composition and method for improving oil recovery	C09K 7/06
25	1772/DELNP/2004 Dt : 22/06/2004	PCT/US02/00757 Dt : 10/01/2003	10/044,589 dt. 11/1/2002 USA	United States of America	Motorola, Inc., 1303, East Algonquin Road, Schaumburg, Illinois 60196, USA	Method and apparatus for providing a message creation reference associated with a real-time communication message.	H04Q 7/20
26	1773/DELNP/2004 Dt : 22/06/2004	PCT/US03/00016 Dt : 10/01/2003	60/347,550 dt. 10/1/2002 US	United States of America	Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, Michigan 49001, USA	Use of COX-2 inhibitors in combination with antiviral agents for the treatment of papilloma virus infections.	A61K 31/415
27	1774/DELNP/2004	PCT/IB03/00144	60/354,080 dt. 1/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton,	Method for making homogeneous	A61K 9/18



	Dt : 22/06/2004	Dt : 20/01/2003			Connecticut 06340, USA	spray-dried solid amorphous drug dispersions utilizing modified spray-drying apparatus.	
28	1775/DELNP/2004	PCT/SE02/02416	60/358,370 & 10/278,014 DT. 22/2/2002 & 23/10/2002 USA	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-126, 25 Stockholm, Sweden.	Cross-layer integrated collision free path routing.	H04L 12/56
	Dt : 22/06/2004	Dt : 20/12/2002					
29	1776/DELNP/2004	PCT/CA02/01958	10/022,351 dt. 20/12/2001 USA	Canada	Sierra Wireless, Inc., 13811 Wireless Way, Richmond, British Columbia V6V 3A4 Canada.	Architecture for emulating an ethernet network interface card.	H04L 29/12
	Dt : 22/06/2004	Dt : 18/12/2002					
30	1777/DELNP/2004	PCT/EP02/14839	01205115.7 dt. 21/12/2001 Europe.	Ireland	Tibotec Pharmaceuticals Ltd., Little Island, Co Cork, Ireland.	Broadspectrum heterocyclic substituted phenyl containing sulfonamide HiV protease inhibitors.	A61K 31/4178
	Dt : 22/08/2004	Dt : 20/12/2002					
31	1778/DELNP/2004	PCT/EP02/13252	101 64 510.4 dt. 20/12/2001 Germany.	Germany	Schering Aktiengesellschaft , Mullerstrasse 178, D-13353, Berlin, Germany.	Oral fludara of high-purity formulation with quick release of active ingredient.	A61K 9/28
	Dt : 22/06/2004	Dt : 25/11/2002					
32	1779/DELNP/2004	PCT/GB02/05360	0125762.2 dt. 30/11/2001 UK	United Kingdom	Rayner Intraocular Lenses Ltd., Lowndes House, The Bury, Church Street, Chesham, Buckinghamshire, HP5 1DJ, UK.	Intraocular lens.	A61F 2/16
	Dt : 22/06/2004	Dt : 28/11/2002					
33	1780/DELNP/2004	PCT/FR02/04554	10/034,848 dt. 25/12/2001 US	France	Massier-Bugatti, Societe Anonyms of Zons Aeronautique Louis Braguet, 78140 Vallizy Villacoublay, France.	A method and an installation for densifying porous substrates by chemical vapour infiltration.	C23C 16/04
	Dt : 22/06/2004	Dt : 24/12/2002					
34	1781/DELNP/2004	PCT/US02/39257	60/337,912, 60/363,300, & 60/402,374 dt. 6/12/2001, 23/5/2002 & 9/8/2002 US	United States of America	New York University, 70 Washington Square South, New York, NY 10012-1091, USA	Logio arrangement, data structure, system and method for multilinear representation of multimodal data ensembles for synthesis, recognition and compression	G06F 17/30
	Dt : 22/06/2004	Dt : 05/12/2002					
35	1782/DELNP/2004	PCT/US02/37859	60/333,641 dt. 26/11/2001 US	United States of America	Especifo Incorporated, 5538, Hollister Avenue, Suite 100, Goleta, California 93117, USA	Systems and methods for fund transfers.	G06F
	Dt : 22/06/2004	Dt : 26/11/2002					
36	1783/DELNP/2004	PCT/IL02/01032	10/025,996 dt.	Israel	Ormat Industries	Method of and	C10G

			26/12/2001 US		Ltd., P.O. Box 68, 70650, Yavne, Israel.	apparatus for upgrading and gasifying heavy hydrocarbon feeds.	67/16
	Dt : 22/06/2004	Dt : 24/12/2002					
37	1784/DELNP/2004	PCT/FR03//00283	02.01577 dt. 8/2/2002 France.	France	Tissage Et Enduction serge Ferrari Sa., Zone Industrielle de la Tour de Pin, F- 38110 Saint Jean De Soudain, France.	Jacketed, Yarn, Textile and the method of producing one such yarn.	C02G 3/40
	Dt : 22/06/2004	Dt : 30/01/2003					
38	1785/DELNP/2004	PCT/US01/50502		United States of America	Inter American University of Puerto Rico, Post Box No.363255, 009363255, San Juan, Puerto Rico, USA.	Anti-Bacterial Plant Compositions.	A61K 35/78
	Dt : 23/06/2004	Dt : 28/12/2001					
39	1786/DELNP/2004	PCT/BR02/00187	PI 0106589.0 dt. 27/12/2001 Brazil.	Brazil	Empresa Brasileira De Compressores S.A., Embraco, Rua Rui Barboasa, 1020, 89219-901, Joinville-SC, Brazil.	Refrigeration system with a plate-type condenser and method for compacting it.	F25D 19/00
	Dt : 23/06/2004	Dt : 17/12/2002					
40	1787/DELNP/2004	PCT/DE03/00095	102 00 717.9 dt. 10/1/2002 Germany.	Germany	Wolff Cellulosics GMBH & Co. KG, Postfach 16 62, 29656 Walsrode, Germany.	Use of polysaccharide derivatives as anti-infective substances.	A61K 31/715
	Dt : 23/06/2004	Dt : 10/01/2003					
41	1788/DELNP/2004	PCT/US02/39628	10/040,610 dt. 7/1/2002 USA	United States of America	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Method for determining location information.	G06F
	Dt : 23/06/2004	Dt : 11/12/2002					
42	1789/DELNP/2004	PCT/GB03/00034	0200239.2 & 0214124.0 dt. 7/1/2002 & 19/6/2002 GB	Norway	Norchip A/S Industriveien 8, N- 3490 Klokkearstua, Norway.	HPV assay and kit.	C12Q 1/68
	Dt : 23/06/2004	Dt : 07/01/2003					
43	1790/DELNP/2004	PCT/US03/01238	60/349,795 dt. 16/1/2002 USA	United States of America	The Gates Corporation, 900 South Broadway, Denver, Colorado 80209, USA	Multi-Ribbed belt with tip profile.	F16G 5/20
	Dt : 23/06/2004	Dt : 13/01/2003					
44	1791/DELNP/2004	PCT/SE02/01050	60/359,911 dt. 28/2/2002 USA	Sweden	Telefonaktiebolag et LM Ericsson [PUBL], S-164 83 Stockholm, Sweden.	Signal receiver devices and methods.	H04B 1/10
	Dt : 23/06/2004	Dt : 31/05/2002					
45	1792/DELNP/2004	PCT/US03/00432	60/346,541 dt. 8/1/2002 USA	United States of America	Raab, R. Michael, 1 Fifth Street, Cambridge, Ma 02141, United States of America.	Transgenic plants expressing civps or intein modified proteins and related method.	A01H
	Dt : 23/06/2004	Dt : 07/01/2003					
46	1793/DELNP/2004	PCT/US02/39091	60/338,979 dt. 7/12/2001 USA	Canada	Geron Corporation, 230 Constitution Drive, Menlo Park, CA	Hematopoietic cells from human embryonic stem cells.	C12N
	Dt : 23/06/2004	Dt : 06/12/2002					

					94025 USA and Robarts Research Institute, 100 Perth Drive, London, Ontario N6A 5K8, Canada.		
47	1794/DELNP/2004 Dt : 23/06/2004	PCT/US02/39090 Dt : 06/12/2002	60/339,043 dt. 7/12/2001 USA	United States of America	Geron Corporation, 230 Constitution Drive, Menlo Park, CA 94025 USA	Chondrocyte precursors derived from human embryonic stem cells.	C12N
48	1795/DELNP/2004 Dt : 23/06/2004	PCT/US02/0390 89 Dt : 05/12/2002	60/338,885 dt. 7/12/2001 USA	United States of America	Geron Corporation, 230 Constitution Drive, Menlo Park, CA 94025 USA	Islet Cells from human embryonic stem cells.	C12N
49	1796/DELNP/2004 Dt : 23/06/2004	PCT/IB02/05582 Dt : 23/12/2002	2001-394459 & 2001-394460 dt. 26/12/2001 Japan.	Japan	Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi- ken, 471-8571, Japan.	Drive Apparatus for hybrid vehicle.	B60K 6/04
50	1797/DELNP/2004 Dt : 23/06/2004	PCT/GB02/05414 Dt : 02/12/2002	0128816.6 dt. 1/12/2001 GB	Great Britain	Cambridge University Technical Services Limited, The Old Schools, Trinity Lane, Cambridge, CB2 1TS, GB.	Materials processing method and apparatus.	C22B 34/12
51	1798/DELNP/2004 Dt : 24/06/2004	PCT/GB03/00063 Dt : 10/01/2003	0201160.9 dt. 18/1/2002 UK	Swaziland	Syngenta Participations AG, Schwarzwalddallee 215, CH-4058, Basel, Switzerland.	Biocidal compounds and their preparation.	C07D 311/00
52	1799/DELNP/2004 Dt : 24/06/2004	PCT/US2000/003 081 Dt : 12/11/2001	60/342,442 & 60/361,821 dt. 24/12/2001 & 4/3/2002 USA	Israel	Teva Pharmaceuticals Industries Ltd., at 5, Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel.	Dosage form with a core tablet of active ingredient sheathed in a compressed annular body of powder or granular material, and process and tooling for producing it.	A61K 9/24
53	1800/DELNP/2004 Dt : 24/06/2004	PCT/IB02/05638 Dt : 27/12/2002	10/033,844 dt. 27/12/2001 USA	Sweden	Telefonaktiebolag et LM Ericsson [PUBL], S-164 83 Stockholm, Sweden.	Method and system for billing a call that is forwarded to a prepaid subscriber's voicemail.	H04M 17/00
54	1801/DELNP/2004 Dt : 24/06/2004	PCT/EP02/14756 Dt : 24/12/2002	102 00 943.0 dt. 12/1/2002 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG, Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	Process for preparing scopine esters.	C07D 301/10
55	1802/DELNP/2004	PCT/SE03/00611	60/373,631 &		Telefonaktiebolag	Method of multi-	H04Q

	Dt : 24/06/2004	Dt : 15/04/2003	10/404,779 dt. 17/4/2002 & 1/4/2003 USA		et LM Ericsson (PUBL), S-126, 25 Stockholm, Sweden.	service allocation in multi-access systems.	7/00
56	1803/DELNP/2004 Dt : 24/06/2004	PCT/IB02/05640 Dt : 27/12/2002	10/034,047 dt. 27/12/2001 USA	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-126, 25 Stockholm, Sweden.	Method and apparatus for applying extra services to a prepaid cellular subscriber.	H04M 17/00
57	1804/DELNP/2004 Dt : 24/06/2004	PCT/US02/38938 Dt : 06/12/2002	10/013,609 dt. 10/12/2001 US	United States of America	Electronic Data Systems Corporation, 5400 Legacy Drive, H3- 3A-05, Plano, Texas 75024, USA	Network user authentication system and method.	H04L 29/06
58	1805/DELNP/2004 Dt : 24/06/2004	PCT/US02/38939 Dt : 06/12/2002	10/034,231 dt. 27/12/2001 US	United States of America	UGS Corp, 5400 Legacy Drive, H3- 3A-05, Plano, Texas 75024, USA	System and method for compiling and displaying a pruned information set.	G06F 17/30
59	1806/DELNP/2004 Dt : 24/06/2004	PCT/US02/39161 Dt : 06/12/2002	60/340,411 & 10/085,217 dt. 13/12/2001 & 27/2/2002 US	United States of America	UGS Corp, 5400 Legacy Drive, H3- 3A-05, Plano, Texas 75024, USA	Electronic files preparation for storage in a server.	G06F 17/34
60	1807/DELNP/2004 Dt : 24/06/2004	PCT/US02/39052 Dt : 06/12/2002	60/340,336 & 10/085,218 dt. 13/12/2001 & 27/2/2002 US	United States of America	UGS Corp, 5400 Legacy Drive, H3- 3A-05, Plano, Texas 75024, USA	Electronic file management.	G06F
61	1808/DELNP/2004 Dt : 24/06/2004	PCT/US02/41272 Dt : 20/12/2002	60/342,617 & 60/357,015 dt. 20/12/2001 & 13/2/2002 US	United States of America	OSI Pharmaceuticals, Inc., 58, South Service Road, Melville, New York 11747, USA	Pancreatic lipase inhibitor compounds their synthesis and use.	C07D 265/12
62	1809/DELNP/2004 Dt : 25/06/2004	PCT/FR02/04542 Dt : 23/12/2002	01/17056 dt. 28/12/2001 France.	France	Wavecom, Immeuble Bord De Seine 1,3, Esplanade du Foncet, 92442, Issy-Les- Moulineaux, Cedex, France.	Data transmission method in a celular communication network, corresponding system, terminal and base station.	H04G 7/32
63	1810/DELNP/2004 Dt : 25/06/2004	PCT/US02/39677 Dt : 11/12/2002	60/339,316 dt. 12/12/2001 USA	United States of America	Tech Mats, LLC, 2840 Hershberger Road, Suite A, Roanoke, Virginia 24017, USA and S.C. Johnson & Son, Inc., 1525, Howe Street, Racine, Wisconsin 53403, USA	Improved remove tabs for tacky inserts of a floor mat.	A47L 23/26
64	1811/DELNP/2004 Dt : 25/06/2004	PCT/JP03/00102 Dt : 09/01/2003	2002-5609 dt. 15/1/2002 Japan.	Japan	Mikuni Corporation, 13- 11, Sotokanda, 6- chome, Chiyoda- ku, Tokyo, Japan.	Fuel injection control device.	F02D 41/34
65	1812/DELNP/2004	PCT/US03/03736	10/084,874 dt.	United States	Motorola Inc.,	System and	G06T

	Dt : 25/06/2004	Dt : 06/02/2003	27/2/2002 USA	of America	1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	method for concurrent multimodal communication using concurrent multimodal tags.	1/00
66	1813/DELNP/2004	PCT/US03/03657	10/085,990 dt. 27/2/2002 USA	United States of America	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System and method for concurrent multimodal communication.	G06F 13/00
	Dt : 25/06/2004	Dt : 06/02/2003					
67	1814/DELNP/2004	PCT/US03/03656	10/085,989 dt. 27/2/2002 USA	United States of America	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System and method for concurrent multimodal communication session persistence.	G06F 15/16
	Dt : 25/06/2004	Dt : 06/02/2003					
68	1815/DELNP/2004	PCT/US03/02138	60/351,142 dt. 22/1/2002 USA	United States of America	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA	Method and systems for encoding and decoding video data to enable random access and splicing.	H04N 7/26
	Dt : 25/06/2004	Dt : 22/01/2003					
69	1816/DELNP/2004	PCT/US03/02137	60/351,142 dt. 22/1/2002 USA	United States of America	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA	Methods and systems for start code emulation prevention and data stuffing.	H04N 7/26
	Dt : 25/06/2004	Dt : 22/01/2003					
70	1817/DELNP/2004	PCT/US02/37349	09/998,438 dt. 30/11/2001 USA	United States of America	David Matthew Smith, 929 West Brook Drive, Plano, Texas 75075, USA	Bypassing the common control, and switch matrix of a digital switching system.	H04L 12/50
	Dt : 25/06/2004	Dt : 21/11/2002					
71	1818/DELNP/2004	PCT/US02/39833	60/344,584 & 10/315,762 dt. 28/12/2001 & 10/12/2002 USA	United States of America	Zipspeed, LLC, 4200 Park Brooke Drive, Alpharetta, GA 30022, USA	Method and apparatus for generating a weather index.	G06F
	Dt : 25/06/2004	Dt : 13/12/2002					
72	1819/DELNP/2004	PCT/CN03/00042	02101957.6 & 10/281,781 dt. 18/1/2002 & 28/10/2002 CN & US	China	Guangdong Esquel Knitters Co. Ltd., Cang Jiang Exports Processing Zone, Gao Ming-City, Guang Dong 528500, China.	Method of producing fabric.	D06M 16/00
	Dt : 25/06/2004	Dt : 17/01/2003					
73	1820/DELNP/2004	PCT/US03/00705	60/349,777 dt. 17/1/2002 US	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, USA	Household cleaning and/or laundry detergent compositions comprising lignin-derived materials.	C07G 1/00
	Dt : 25/06/2004	Dt : 10/01/2003					
74	1821/DELNP/2004	PCT/US01/47300		Canada	Bombardier Recreational Products Inc., 726 St- Joseph Street, Valcourt, Quebec JOE 2L0, Canada.	Receiprocating fluid pump employing reversing polarity motor.	F04B 17/04
	Dt : 25/06/2004	Dt : 03/12/2001					
75	1822/DELNP/2004	PCT/GB02/05876	0130501.0 dt.	Great Britain	Whitford Plastics	Coating system	B06J

			20/12/2001 GB		Limited, 10 Christleton Court, Manor Park, Runcorn, Cheshire WA7 1ST, GB.	for flexible extrusions.	10/00
	Dt : 25/06/2004	Dt : 20/12/2002					
76	1823/DELNP/2004	PCT/CN02/00892	01144259.X & 01278379.X dt. 17/12/2001 China.	China	Chongqing Haifu (HIFU) Technology Co. Ltd., 70-2, 4th Keyuan Str. Shiqiaopu, Jiulongpo District, Chongqing 400041, China.	Ultrasonic treatment device.	A61N 7/00.
	Dt : 25/06/2004	Dt : 16/12/2002					
77	1824/DELNP/2004	PCT/GB02/05301	01309974.2 dt. 28/11/2001 Europe.	United Kingdom	TTPCOM Limited, Melbourne Science Park, Cambridge Road, Royston, Hertfordshire, SG8 6EE, UK.	Transmitter RF power control.	H03G 3/30
	Dt : 25/06/2004	Dt : 25/11/2002					
78	1825/DELNP/2004	PCT/AU02/01701	PR 9495 dt. 17/12/2001 Australia.	Australia	M.I.M. Holdings Limited, M.I.M. Plaza, 410 Ann Street, Brisbane, Queensland, 4000, Australia.	Method and apparatus for improving froth flotation.	B01J 4/02
	Dt : 25/06/2004	Dt : 17/12/2002					
79	1826/DELNP/2004	PCT/US03/00473	80/348,467, 80/383,748, 80/403,605 & 80/403,521 dt. 8/1/2002, 26/5/2002, 14/8/2002 US	United States of America	Evionyx, Inc., 85 Executive Boulevard, Elmsford, NY 10523, US	Reserve Battery.	H01M 6/32
	Dt : 25/06/2004	Dt : 08/01/2003					
80	1827/DELNP/2004	PCT/US02/41685	80/344,546 dt. 31/12/2001 US	United States of America	Evionyx, Inc., 85 Executive Boulevard, Elmsford, NY 10523, US	Rechargeable metal air electrochemical cell incorporating collapsible cathode assembly.	H01M 12/06
	Dt : 28/08/2004	Dt : 31/12/2002					
81	1828/DELNP/2004	PCT/EP02/01282	01128303.3 dt. 29/11/2001 EP	Swaziland	Societe Des Produits Nestle N.A., P.O. Box 353, CH-1800 Vevey, Switzerland.	Production of alpha-keto butyrate.	C12P 7/40
	Dt : 28/08/2004	Dt : 08/11/2002					
82	1829/DELNP/2004	PCT/EP02/01813		Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-164 83 Stockholm, Sweden.	Method and node for establishing priority connections in telecommunication networks.	H04Q 7/38
	Dt : 28/08/2004	Dt : 16/02/2002					
83	1830/DELNP/2004	PCT/SE02/01280	0200418.2 dt. 13/2/2002 Sweden.	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-164 83 Stockholm, Sweden.	A method and apparatus for load sharing and data distribution in servers.	G06F 9/46
	Dt : 28/08/2004	Dt : 16/06/2001					
84	1831/DELNP/2004	PCT/FR02/04324	01/18129 dt. 13/12/2001 France.	France	Systelia Technologies S.A., 8, Boulevard Marce, F-83320 Carquerienne, France.	Acoustic control of the level of filling of bottles.	G01F 23/296
	Dt : 28/08/2004	Dt : 12/12/2002					

85	1832/DELNP/2004 Dt : 28/06/2004	PCT/US02/36949 Dt : 18/11/2002	09/995,218 Dt. 27/11/2001 USA	United States of America	Pitney Bowes Inc., 1 Elmcroft Road, Stamford, CT 06926, USA	Method and system for authorizing use of a transaction cad.	G07F
86	1833/DELNP/2004 Dt : 28/06/2004	PCT/EP03/00534 Dt : 21/01/2003	WTO 102 03 741.8 dt. 31/1/2002 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG, Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	New Fluorene-carboxylic acid esters, process for the manufacture thereof and use thereof as medicaments.	C07D 451/12
87	1834/DELNP/2004 Dt : 28/06/2004	PCT/GB03/00218 Dt : 22/01/2003	0201767.1 & 0207831.9 dt. 25/1/2002 & 4/4/2002 UK	England	De La Rue International Limited, De la Rue House, Jays Close, Viabes, Basingstoke, hampshire RG 22 4BS, England.	Improvements in methods of manufacturing substrates.	B 41M 3/14
88	1835/DELNP/2004 Dt : 28/06/2004	PCT/SE03/00041 Dt : 14/01/2003	0200119.6 & 0201857.0 dt. 16/1/2002 & 17/6/2002 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	N-Pyrazinyl- phenylsulphonami des and their use in the treatment of chemokine mediated diseases.	C07D 241/22
89	1836/DELNP/2004 Dt : 28/06/2004	PCT/US03/05708 Dt : 26/02/2003	60/360,279 dt. 28/2/2002 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898, USA	Method for the recombination of genetic elements.	C12N
90	1837/DELNP/2004 Dt : 28/08/2004	PCT/ZA02/00189 Dt : 28/11/2002	2001/09758, Dt. 28/11/2001, South Africa	South Africa	Harris, Cecil Lionel, Plot 15 Swavelpoort, 0038 Pretoria, South Africa	Waste disposal apparatus	A47K 11/02
91	1838/DELNP/2004 Dt : 28/08/2004	PCT/IL02/00949 Dt : 26/11/2002	09/991670, Dt. 26/11/2001, USA	United States of America	Opti-Clip International Inc., Suite #525, 5200 Town Center Circle, Boca Raton, FL 33486, USA	Computer- controlled milling machine for producing lenses for clip-on accessory or eyeglasses	B24B 13/00
92	1839/DELNP/2004 Dt : 28/08/2004	PCT/IL02/00950 Dt : 26/11/2002	09/991887, Dt. 26/11/2001, USA	United States of America	Opti-Clip International Inc., Suite #525, 5200 Town Center Circle, Boca Raton, FL 33486, USA	Method and system for the manufacture of a clip-on for eyeglasses	B24B 13/06
93	1840/DELNP/2004 Dt : 28/08/2004	PCT/AU02/01768 Dt : 30/12/2002	PR 9778, Dt. 28/12/2001, AU	Australia	University of Southern Queensland, West Street, Toowoomba, Queensland, 4350, Australia	Defective entities and uses therefor	C12N 1/20
94	1841/DELNP/2004 Dt : 28/08/2004	PCT/ZA02/00216 Dt : 18/12/2002	2001/10344, Dt. 18/12/2001, ZA	South Africa	Kunitz, Walter, Manfred, 131-135 Rietpruit Street, Sunderland	Fencing system	E04H 17/14

					Sunderland Ridge, 0182 Centurion, South Africa		
95	1842/DELNP/2004 Dt : 28/08/2004	PCT/US02/38988 Dt : 30/12/2002	80/344671, Dt. 31/12/2001, USA	United States of America	Citrus Oil Products, Inc., 990 Trophy Club Drive, Trophy Club, Texas 76262, USA	Biorational insecticide/fungicide and method of application	A01N
96	1843/DELNP/2004 Dt : 28/08/2004	PCT/US03/02028 Dt : 23/01/2003	10/057008, Dt. 25/01/2002, USA	France	M/s Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France	Adaptive cost of service for communication network based on level of network congestion	H04N 9/31
97	1844/DELNP/2004 Dt : 28/08/2004	PCT/US03/02305 Dt : 27/01/2003	02001856.0, Dt. 28/01/2002, France	France	M/s Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France	Brighter light engine architecture for a liquid crystal display projection system	H04N 9/31
98	1845/DELNP/2004 Dt : 28/08/2004	PCT/US02/40498 Dt : 17/12/2002	60/342602, 10/318740, Dt. 20/12/2001, 13/12/2002, USA	United States of America	BP Corporation North America Inc. 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555, USA	Purification of a crude acid mixture	C07C 81/487
99	1846/DELNP/2004 Dt : 28/08/2004	PCT/EP03/01595 Dt : 18/02/2003	SV2002A000009, 22/02/2002, Italy	Italy	Alstom Transport S. P. A., Via Di Corticella, 75, I-40128 Bologna Italy	Method and device of generating logic control units for railroad station-based vital computer apparatuses	B61L 21/00
100	1847/DELNP/2004 Dt : 28/08/2004	PCT/IL02/01059 Dt : 31/12/2002	147414, Dt. 31/12/2001, Israel	Israel	Yeda Research and Development Co., Ltd., At Weizmann Institute of Science, P.O. Box 95, 78100 Rehovot, Israel	IFNARC2 Mutants, their production and use	C07K 14/715
101	1848/DELNP/2004 Dt : 29/08/2004	PCT/US2002/027 870 Dt : 28/08/2002	10/047,335 dt. 14/1/2002 US	United States of America	Parsons, Diana, J., 3031 Telegraph # 130, Berkeley, CA 94805, USA	Method and process for producing youthful-appearing, small-pored, and smooth skin.	A61B 17/00
102	1849/DELNP/2004 Dt : 29/08/2004	PCT/US2003/000 892 Dt : 10/01/2003	10/047,780 & 10/328,877 dt. 15/1/2002 & 23/12/2002 USA	United States of America	The Gillette Company, Prudential Tower Building, Boston, Massachusetts 02199, USA	Vibrating oral care device.	A61C 3/03
103	1850/DELNP/2004 Dt : 29/08/2004	PCT/US03/03380 Dt : 05/02/2003	80/355,694 dt, 7/2/2002 USA	United States of America	Boehringer Ingelheim Pharmaceuticals, Inc., of 900 Ridgebury Road,	Pharmaceutical compositions for hepatitis c viral protease inhibitors.	A61K 47/18



					P.O. Box 366, Ridgefield, CT 06677-0366, USA.		
104	1851/DELNP/2004 Dt: 29/08/2004	PCT/US2002/031 198 Dt: 01/10/2002	10/002,582 dt. 30/11/2001 USA	United States of America	Ovation Products Corporation, of 8 Southgate Drive, Nashua, New Hampshire 03062, USA.	Rotating compressor.	A61M 5/00
105	1852/DELNP/2004 Dt: 29/08/2004	PCT/SE03/00228 Dt: 11/02/2003	0200492.7 dt. 19/2/2002 Sweden.	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-126, 25 Stockholm, Sweden.	Method and arrangement for multimedia communication.	H04L 28/06
106	1853/DELNP/2004 Dt: 29/08/2004	PCT/SE03/00074 Dt: 17/01/2003	0200182-4 dt. 23/1/2003 SE	Switzerland	Winloc AG, of Baslerstrasse 43, CH-6304 Zug, Switzerland.	High Security lock and key blade combination.	E05B 27/00
107	1854/DELNP/2004 Dt: 29/08/2004	PCT/US2003/031 885 Dt: 08/10/2003	10/289,951 dt. 7/11/2002 USA	United States of America	Miner Enterprises, Inc., of 1200 East State Street, P.O. Box 471, Geneva, Illinois 60134, USA.	Railroad car energy absorption apparatus.	B61D 15/06
108	1855/DELNP/2004 Dt: 29/08/2004	PCT/US03/01804 Dt: 18/01/2003	60/349,641 dt. 16/1/2002 USA	United States of America	Bristol-Myers Squibb Company, P.O. Box 4000, route 206 and Province Line Road, Princeton, New Jersey 08543- 4000, USA	Tricyclic 2- Pyrimidone compounds useful as hiv reverse transcriptase inhibitors.	C07D 471/04
109	1856/DELNP/2004 Dt: 29/08/2004	PCT/EP03/00993 Dt: 31/01/2003	60/382,548 dt. 31/1/2002 USA	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), B-126, 25 Stockholm, Sweden.	Method for providing multiple edp media flows in a single pop context.	H04L 29/06
110	1857/DELNP/2004 Dt: 29/08/2004	PCT/BR03/00015 Dt: 07/02/2003	PI 0201285-6 dt. 12/4/2002 Brazil.		Fusco, Luciano, Rua Coronel Diogo, 710 CEP- 01545-001, Sao Paulo, SP.	Decorated panel and method of making the same.	B32B 27/04
111	1858/DELNP/2004 Dt: 29/08/2004	PCT/ZA02/00018 Dt: 07/02/2002			Wright, Andrew, 427 Woivenkop, Amsterdam, 2375 Mphumalanga, and Oppermann, Marthinus, Johannes, 40 Vermeulen Street, Lillyvale, Benoni, 1500 Gauteng, ZA.	An adjustable leak device for a roasting shaft.	F15J 15/34
112	1859/DELNP/2004 Dt: 29/08/2004	PCT/AU03/00115 Dt: 05/02/2003	PS 0405 dt. 8/2/2002 Australia.	Australia	CMTE Development Limited, Building, 101, UQ Pinjarra Hills Campus, 2436, Moggill Road, Pinjarra Hills, Queensland, 4089, Australia.	Dredge Dump Position.	E02 F 3/48
113	1860/DELNP/2004	PCT/AU02/01819	PR 9234 & PR 9235	Australia	The University of	Particulate	C04B

	Dt : 29/08/2004	Dt : 29/11/2002	dt. 30/11/2001 Australia.		Western Australia, 35, Stirling Highway, Crawley, Western Australia 6009, Australia.	additive for dispersing admixture in hydraulic cements.	7/26
114	1881/DELNP/2004	PCT/KR02/01593	2001/51630, Dt. 27/08/2001, Korea	Republic of Korea	Won Jin Biopharma Co., Ltd., 1626-2 Socho-dong, Socho-ku, 137- 070 Seoul, Republic of Korea & other	Compositions containing itraconazole	A61K 9/42
	Dt : 30/08/2004	Dt : 23/08/2002					
115	1882/DELNP/2004	PCT/US03/00064	60/346,128 dt. 2/1/2002 US	United States of America	Reveo, Inc., 85 Executive Blvd., Elmsford, NY 10523 US	Photovoltaic cell and method of manufacture of photovoltaic cells.	G01L 21/00
	Dt : 30/08/2004	Dt : 02/01/2003					
116	1883/DELNP/2004	PCT/US03/00540	10/044679, Dt. 11/01/2002, USA	United States of America	Advanced Financial Solutions, Inc., 1200 Sovereign Row, Oklahoma City, Oklahoma 73108-1823, USA	Real time financial instrument image exchange system and method	G06F 17/60
	Dt : 30/08/2004	Dt : 09/01/2003					
117	1884/DELNP/2004	PCT/EP02/14299	02002352.9, Dt. 31/01/2002, EPO	Germany	Boehringer Ingelheim Pharma GmbH & Co. Kg., Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany	2-halo-3,5- dialkoxyphen-1-yl- imino-2- imidazolidine and the use thereof as a drug	C07D 233/50
	Dt : 30/08/2004	Dt : 16/12/2002					
118	1885/DELNP/2004	PCT/EP02/14323	20016355, Dt. 21/12/2001, Norway	Netherlands	Norsk Hydro Technology B.V. et al, Industrieweg 10, NL-4540 Aa Sluiskil, Netherlands	Aluminium alloy to be used as fin material	C22C 21/02
	Dt : 30/08/2004	Dt : 16/12/2002					
119	1886/DELNP/2004	PCT/FR02/04378	01/16417, Dt. 18/12/2001, France	France	Arjowiggins Rives, Usine de Rives, 36140 Rives sur Fure, France	Coated paper possessing a silky feel	D21H 19/42
	Dt : 30/08/2004	Dt : 17/12/2002					
120	1887/DELNP/2004	PCT/US02/39160	10/022922, 17/12/2001, USA	United States of America	Electronic Data Systems Corporation, 5400 Legacy drive, H3- 3A-05, Plano, Texas 75024, USA	System and method for processing a request using multiple database units	G06F 17/30
	Dt : 30/08/2004	Dt : 06/12/2002					
121	1888/DELNP/2004	PCT/KR02/02502	10-2002-0001430 dt. 10/1/2002 KR	Korea	Samsung Electronics Co. Ltd., 416 Maetan- dong, Yeongton- gu, Suwon-si, Gyeonggi-do, 442-742, Korea.	Disk Cartridge.	G11B 23/03
	Dt : 30/08/2004	Dt : 30/12/2002					
122	1889/DELNP/2004	PCT/US02/40890	60/343443, Dt. 20/12/2001, USA	United States of America	Osi Pharmaceuticals Inc., 58 South Service Road, Suite 110, Melville, NY 11747, USA	Pyrolopyrimidine a2b selective antagonist compounds, their synthesis and use	A61K
	Dt : 30/08/2004	Dt : 20/12/2002					

123	1870/DELNP/2004 Dt : 30/06/2004	PCT/CU03/00001 Dt : 22/01/2003	2002-0019 dt. 24/1/2002 Cuba.	Cuba	Centro De Ingenieria Genetica Y Biotecnologia Departamento de Patentes, Ave. 31 entre 158 y 180, Cubanacan, Playa, C. Habana 10600, Cuba.	Hepatitis B virus surface antigen as a mucosal immunostimulator and the resulting formulations.	A 21K 30/30
124	1871/DELNP/2004 Dt : 30/06/2004	PCT/US02/41273 Dt : 20/12/2002	60/342595, Dt. 20/12/2001, USA	United States of America	Osi Pharmaceuticals Inc., 58 South Service Road, Suite 110, Melville, NY 11747, USA	Pyrimidine a2b selective antagonist compounds, their synthesis and use	A61K
125	1872/DELNP/2004 Dt : 30/06/2004	PCT/EP02/14617 Dt : 20/12/2002	10200169.3 dt. 4/1/2002 Germany.	Denmark	Linak A/s Smedevsengen 8, Guderup, DK-6430 Nordborg, Denmark,	Furniture drive for adjusting parts of an item of furniture in relation to each other.	A47C 20/24
126	1873/DELNP/2004 Dt : 30/06/2004	PCT/US03/02638 Dt : 30/01/2003	60/352273, Dt. 30/01/2002, USA	Israel	Taro Pharmaceutical Industries, Ltd., P.O. box 2043, 46120 Herzliya pituach, 26110, Haifa, Israel	Non-sedating barbituric acid derivatives	A61K 31/515
127	1874/DELNP/2004 Dt : 30/06/2004	PCT/SE02/02398 Dt : 19/12/2002	10/035,143 dt. 4/1/2002 US	Sweden	Scandinav AB Ordenstrappen 1, S-100 41 Stockholm Sweden.	Power Modulator.	H03K 3/57
128	1875/DELNP/2004 Dt : 30/06/2004	PCT/EP02/14506 Dt : 18/12/2002	10163318.1, Dt. 21/12/2001, Germany	Germany	Makra Lang GmbH & Co. Kg, Schuckertstrasse 8-20, 90765 Furth, Germany	Hing device, especially for adjusting the rear view mirrors of motor vehicles	F16C 11/06
129	1876/DELNP/2004 Dt : 30/06/2004	PCT/US00/11756 Dt : 01/05/2000	09/312284, 09/374028, Dt. 14/05/1999, 13/08/1999, USA	United States of America	Imclone Systems Incorporated, 180 Varick Street, New York, New York 10014, USA	A synergistic pharmaceutical composition for inhibiting the growth of refractory tumors stimulated by a ligand of epidermal growth factor receptor (EGFR)	A61K 30/305
130	1877/DELNP/2004 Dt : 01/07/2004	PCT/EP02/14337 Dt : 16/12/2002	0202101.2 dt. 30/1/2002 GB	United States of America	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Video Conferencing and method of operation.	H04N 7/14
131	1878/DELNP/2004 Dt : 01/07/2004	PCT/EP03/00271 Dt : 10/01/2003	0201585.7 dt. 24/1/2002 GB	United States of America	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Voice activity detector and validator for noisy environments.	G10L 21/02

132	1879/DELNP/2004	PCT/SE03/00338	10/091,695 dt. 7/3/2002 USA	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	Improved radio resource control signaling for physical layer configuration changes.	H04Q 7/38
	DI: 01/07/2004	DI: 28/02/2003					
133	1880/DELNP/2004	PCT/EP03/00788	0204045.9 dt. 21/2/2002 GB	United States of America	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	A method and apparatus for selecting carriers.	H04Q 7/38
	DI: 01/07/2004	DI: 27/01/2003					
134	1881/DELNP/2004	PCT/NO02/00873	1019688 dt. 4/1/2002 The Netherlands.	Netherlands	Johannes Petrus Paulus Tholen, Graaf Wichamanlaan 19, 1405 GX Bussum, The Netherlands.	Electrolytic device and method for disinfecting water in a water supply system by means of the generation of active chlorine.	C02F 1/467
	DI: 01/07/2004	DI: 31/12/2002					
135	1882/DELNP/2004	PCT/US03/00348	60/356,222 dt. 12/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Streptomyces avermitilis gene directing the ratio of B2:B1 Avermectins.	C12N 15/00
	DI: 01/07/2004	DI: 31/01/2003					
136	1883/DELNP/2004	PCT/US02/39844	60/345,402 & 10/170,939 dt. 7/1/2002 & 13/6/2002 USA	United States of America	Exxonmobil Chemical Patents Inc., 5200 Bayway Drive, Baytown, Texas 77520- 2101, USA	Reducing temperature differences within the regenerator of an oxygenate to olefin process.	C07C 1/20
	DI: 01/07/2004	DI: 12/12/2002					
137	1884/DELNP/2004	PCT/EP03/00808	02100078.1 & 02100410.6 dt. 28/1/2002 & 25/4/2002 EP	Netherlands	Applied Research Systems Are Holding N.V., Pleermaal 15, Curacao, The Netherlands Antilles[NL].	Substituted methylene amide derivatives as modulators of protein tyrosine phosphatases [PTP'S].	C07C 237/04
	DI: 01/07/2004	DI: 27/01/2003					
138	1886/DELNP/2004	PCT/US03/00337	60/346,746, 60/347,312, 60/368,617, 60/374,978, 60/388,364 and 16/237,138 dt. 7/1/2002, 9/1/2002, 2 8/3/2002, 23/4/2002, 17/6/2002 9/2002 & 7/1/2003 USA.	United States of America	Emisphere Technologies, Inc., of 765 Old Saw Mill River Road, Tarrytown, NY 10591, USA.	Oral insulin therapy.	A61K
	DI: 01/07/2004	DI: 07/01/2003					
139	1888/DELNP/2004	PCT/DK00025	60/348,229 dt. 28/1/2002 USA	Denmark	Leo Pharma A/S of Industriparken 55, DK-2760 Ballerup Denmark, Denmark.	MMP Inhibitors.	C07F 9/6684
	DI: 01/07/2004	DI: 15/01/2003					
140	1887/DELNP/2004	PCT/US02/00886	10/038,511 dt. 4/1/2002 USA	United States of America	Albany International Corporation of 1373 Broadway, Albany, New York 12204, USA.	Insulation Material.	B32B 3/30
	DI: 01/07/2004	DI: 26/12/2002					
141	1889/DELNP/2004	PCT/JP03/06870	2002-175428 dt. 17/6/2002 JP	Japan	Daijin Industries, Ltd., Umada Center Bldg., 4- 12, Nakazaki-nishi	Scroll Compressor.	F04C 19/02
	DI: 01/07/2004	DI: 06/06/2003					

					2-chome, Kita-ku, Osaka 530-83		
142	1889/DELNP/2004	PCT/US02/40467	60/340,784 dt. 14/12/2001 USA	United States of America	Genetronics, Inc. of 11199-A, Sorrento Valley Road, San Diego, CA 92121- 1334, USA.	Methods for particle-assisted polynucleotide immunization using a pulsed electric field.	A61N
	Dt : 01/07/2004	Dt : 16/12/2002					
143	1890/DELNP/2004	PCT/IL02/01023	147506 dt. 8/1/2002 israel	Israel	Optimus Water Technologies Ltd. of P.O. Box 306, MaAlot Tarshiha 24952, Israel.	Water supply system.	E03B
	Dt : 01/07/2004	Dt : 01/01/1900					
144	1891/DELNP/2004	PCT/US02/38159	10/038,537 dt. 3/1/2002 USA	United States of America	Sachem, inc., of 821 East woodward, Austin, TX 78704, USA.	Purification of onium hydroxides by electro dialysis.	C02F 1/461
	Dt : 01/07/2004	Dt : 27/11/2002					
145	1892/DELNP/2004	PCT/CA02/01926	2,366,521 dt. 24/12/2001 CA	Canada.	Apotex Pharmachem inc., 34, Spalding Drive, Brantford, Ontario N3T6B8, Canada.	A new and efficient process for the preparation of lamotrigine and related 3,5- diamino-6- substituted-1,2,4- triazines.	
	Dt : 01/07/2004	Dt : 18/12/2002					
146	1893/DELNP/2004	PCT/US03/00363	10/043,791 dt. 11/1/2002 USA	United States of America	UTC Fuel Cells, LLC, 195 Governor's Highway, South Windsor, CT 06074, USA.	Method and apparatus for preventing water in fuel cell power plants from freezing during storage.	H01M
	Dt : 01/07/2004	Dt : 07/01/2003					
147	1894/DELNP/2004	PCT/IB02/05309	10/318,314 dt. 12/12/2002 US	India	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.	Bioavailability enhancing activity of zingiber officinale linn and extracts/fractions thereof	A61K 31/12
	Dt : 02/07/2004	Dt : 12/12/2002					
148	1895/DELNP/2004	PCT/GB01/05411		England	Paul Zambo, 16 Royston Court, Stopford Road, London E13 ONP, England.	Apparatus and method for the production of pure oxygen and hydrogen.	G25B 1/04
	Dt : 02/07/2004	Dt : 04/12/2001					
149	1896/DELNP/2004	PCT/CH2003/000 056	02001839.6 dt. 26/1/2002 EPO	Liechtenstein	Mondobiotech Laboratories Anstalt, Austrasse 79, FL-Vaduz, Liechtenstein.	Use of compounds having the biological activity of vasoactive intestinal peptide for the treatment of chronic obstructive pulmonary disease.	C07K 14/575
	Dt : 02/07/2004	Dt : 23/01/2003					
150	1897/DELNP/2004	PCT/SE02/02395	0104441-1 dt. 27/12/2001 Sweden.	Sweden	Cerbio Tech AB, Axel Johanssonsgata 4-6, 754 51 Uppsala, Sweden.	Ceramic material and process for manufacturing.	A61K 6/06
	Dt : 02/07/2004	Dt : 19/12/2002					
151	1898/DELNP/2004	PCT/IB03/00534	60/359,295 & 60/404,365 dt. 22/2/2002 & 19/8/2002, USA	United States of America	Warner-Lambert Company LLC, 201 Tabor Road, Morris Plains, New Jersey	Combinations of an alpha-2-delta ligand with a selective inhibitor of	A61K 31/42
	Dt : 02/07/2004	Dt : 12/02/2003					

					07950, USA	cyclooxygenase-2.	
152	1899/DELNP/2004	PCT/SE03/00342	60/381,382, 60/377,059 & 10/178,471 dt. 28/2/2002, 1/5/2002 & 19/6/2002 USA	Sweden	Telefonaktiebolag et LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	System, method and apparatus for federated single sign-on services.	H04Q 7/38
	Dt : 02/07/2004	Dt : 28/02/2003					
153	1900/DELNP/2004	PCT/FR02/04292	02/01114 dt. 30/1/2002 France.	France	Degremont, 183, Avenue du 18 Juin 1940, F-92500 Rueil Malmaison, France.	Installation for water treatment by flotation.	C02F 1/24
	Dt : 02/07/2004	Dt : 11/12/2002					
154	1901/DELNP/2004	PCT/FR03/00220	0201043 dt. 29/1/2002 France.	France	Areva T&D SA, 3, avenue andre Malraux-le Sextant-92309, Levallois Perrot Cedex, France.	A method of detecting saturation in a current transformer.	H02H 1/04
	Dt : 02/07/2004	Dt : 23/01/2003					
155	1902/DELNP/2004	PCT/SE02/02394	0104440-3 dt. 27/12/2001 Sweden.	Sweden	Cerbio Tech AB, Axel Johansons gata 4-6, 754 51 Uppsala, Sweden.	Coating method and coated devices.	A61K 6/06
	Dt : 02/07/2004	Dt : 19/12/2002					
156	1903/DELNP/2004	PCT/US02/40732	WTO 10/017,235 dt. 18/12/2001 USA	United States of America	Michael A. Murphy, 5619, Chelsea Avenue, La Jolla, CA 92037, USA	Composition, synthesis, diagnostic and therapeutic applications of polyamines.	A61K 31/132
	Dt : 02/07/2004	Dt : 18/12/2002					
157	1904/DELNP/2004	PCT/GB02/05506	0129163.3 dt. 5/12/2001 GB	Great Britain	Advanced Technologies Group Limited, Hangar 2, Cardington Field, Shortstown, Bedford, Bedfordshire MK42 0TJ, GB.	Lighter-than-air aircraft with air cushion landing gear means.	B64B 1/00
	Dt : 02/07/2004	Dt : 05/12/2002					
158	1905/DELNP/2004	PCT/AU03/00092	PS 0237 dt. 31/1/2002 AU	Australia	Primepak Pty Ltd., 25 Grandquist Road, Woodbridge, Tasmania 7162, Australia.	Pressure regulating device for a pressurised dispensing vessel.	B66D 63/14
	Dt : 02/07/2004	Dt : 30/01/2003					

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	1906/DELNP/2004 Dt: 05/07/2004	PCT/US02/38739 Dt: 04/12/2002	60/336,636 dt. 4/12/2001 USA	United States of America	Woolverton, Christopher, J. 1203, Windward lane, kent, OH 44242-0001, USA	Storage-stable fibrin sealant.	A61K
2	1907/DELNP/2004 Dt: 05/07/2004	PCT/IB02/05045 Dt: 02/12/2002	60/355,343 DT. 11/2/2002 USA	Canada	Liu Beizhan, 204-530, Kingston Road, M4L 1V4, Toronto, Canada.	System and process for non-real-time human computer interaction.	G06K 9/60
3	1908/DELNP/2004 Dt: 05/07/2004	PCT/FR02/03957 Dt: 19/11/2002	02/00766 dt. 22/1/2002 France.	France	VALOIS S.A.S., B.P.G., Le Prieure, F-27110 Le Neubourg, France.	A laterally-actuated spray device.	B05B 11/00
4	1909/DELNP/2004 Dt: 05/07/2004	PCT/US02/39788 Dt: 11/12/2002	10/039,579 dt. 31/12/2001 USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	A method and apparatus for suspending execution of a thread until a specified memory access occurs.	G06F 9/46
5	1910/DELNP/2004 Dt: 05/07/2004	PCT/JP03/00646 Dt: 24/01/2003	2002-19033 dt. 28/1/2002 Japan.	Japan	Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan.	Information recording apparatus and method, information reproduction apparatus and method.	G11B 20/10
6	1911/DELNP/2004 Dt: 05/07/2004	PCT/EP02/14790 Dt: 28/12/2002	102 00 149.9 dt. 4/1/2002 Germany.	Germany	Grunenthal GMBH, Zieglerstr. 6, D-52078 Aachen, Germany.	Method for the production of grignard compounds.	C07F 3/02
7	1912/DELNP/2004 Dt: 05/07/2004	PCT/EP03/00533 Dt: 21/01/2003	WTO 102 03 749.3 dt. 31/1/2002 Germany.	Germany	Boshringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216, Ingelheim am Rhein, Germany.	Anticholinergic agents, method for producing the same and use thereof as medicaments	C07D 451/10
8	1913/DELNP/2004 Dt: 05/07/2004	PCT/IB03/01033 Dt: 03/03/2003	60/368,872 dt. 28/3/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Purified isoxifene and a method for purification of racemic isoxifene by recrystallization.	C07D 207/08
9	1914/DELNP/2004 Dt: 05/07/2004	PCT/EP02/14866 Dt: 29/12/2002	01131056.2 DT. 31/12/2001 Europe.	Germany	Grace GMBH & Co. KG, In der Hollerhecke 1, 67547 Worms, Germany.	Adsorbing material comprised of porous functional solid incorporated in a polymer matrix.	B01J 20/18
10	1915/DELNP/2004 Dt: 05/07/2004	PCT/SE03/00023 Dt: 16/01/2003	0200158-4 dt. 22/1/2002 Sweden.	Sweden	Roxtec International AB, P.O. Box 540, S-37123, Karlskrona,	Frame for cable entry of the like, said frame including a	F16L 5/08

					Sweden	breakable protection	
11	1916/DELNP/2004	PCT/FR03/00030	02/00281 dt. 10/1/2002 France.	France	Wavecom, Immeuble Bord de Seine 1, 3, Esplanade du Foncet, 92442 Issy-Les- Moulineaux, Cedex, France	Method of managing communications in a network and the corresponding signal, transmitting device and destination terminal.	H04L 27:26
	Dt: 05/07/2004	Dt: 07/01/2003					
12	1917/DELNP/2004	PCT/EP01/11428	Divisional No. 00433/deln/2003 WTD 00121665.4 dt. 4/10/2000 EP	Netherlands	Applied Research Systems Ars Holding N.V., Platerma 4115, Curacao, The Netherlands Antilles[NL].	Pharmaceutical composition for the Treatment of Multiple Sclerosis and/or other demyelinating diseases.	A61K 38/19
	Dt: 05/07/2004	Dt: 03/10/2001					
13	1918/DELNP/2004	PCT/US02/38963	80/337,808 dt. 5/12/2001 USA	United States of America	University of Washington, 4311 11th Avenue NE, Suite 500, Seattle, WA 98105-4808 USA	Microfluidic device and surface decoration process for solid phase affinity binding assays.	G01N
	Dt: 05/07/2004	Dt: 05/12/2002					
14	1919/DELNP/2004	PCT/IB02/05773	10/025,336 dt. 19/12/2001 USA	Norway	Pretech AS, Bygdey Alle 23, N- 0262, Oslo, Norway.	Apparatus, Method and system for receiving and distributing coins and notes.	G01L 4/00
	Dt: 05/07/2004	Dt: 18/12/2002					
15	1920/DELNP/2004	PCT/GB03/00960	0207482.1 dt. 26/3/2002 UK	United Kingdom	Wheeler & Clinch Limited, 75-99, Nathan Way, West Thamesmead Business Park, London SE 26 0BQ, UK.	A contact.	H01H 4/24
	Dt: 05/07/2004	Dt: 07/03/2003					
16	1921/DELNP/2004	PCT/AU02/01731	PR 9835 & PS 0680 dt. 4/1/2002 & 21/2/2002 Australia.	Australia	K W Mc Carthy & Partners Pty. Ltd., 1 Floor, 1 Terminus Centre, 781 Old Cleveland Road, Carina, Queensland 4152, Australia.	Modular Service Unit	F21 33/00
	Dt: 05/07/2004	Dt: 20/12/2002					
17	1922/DELNP/2004	PCT/US02/22172	10/025,098 & 10/186,525 dt. 18/12/2001 & 28/8/2002 USA	United States of America	The Ludlow Company LP, 273 Corporate Drive, Portsmouth, New Hampshire 03801, USA	Flexible interconnect cable with ribbonized ends and means of manufacturing	H01B 7:08
	Dt: 05/07/2004	Dt: 11/07/2002					
18	1923/DELNP/2004	PCT/RU02/00543	2001135046 dt. 28/12/2001 Russia.		Obshchestvo S Organizatsionnoi Otvetstvennostyu, Obninskyy Tsentr Porozhkovogo Napvichiya, ul. Kurchalova, 21, Office, 114b, Obninsk, Keluzhskaya obl 249031 Russia	Method of applying coatings	C23C 24:06
	Dt: 05/07/2004	Dt: 20/12/2002					
19	1924/DELNP/2004	PCT/IL02/00991	80/337,795 dt. 10/12/2001 US	Israel	Velton Corporation, Ha Gavish Street 4	Apparatus and method for	G06F



					Sapir Industrial Park, 42101, Netanya, Israel.	optimised and secured reflection of network services to remote location	
	Dt : 05/07/2004	Dt : 09/12/2002					
20	1925/DELNP/2004	PCT/CA03/00145	60/349,264 & 60/404,417 dt. 18/1/2002 & 20/8/2002 US	Canada	Her Majesty in Right of Canada as Represented by the Minister of Industry, Communications Research Centre, P.O. Box 11490, Ottawa, Ontario, Canada K2H 8S2.	Antenna array for the measurement of complex electromagnetic fields.	
	Dt : 06/07/2004	Dt : 16/01/2003					
21	1926/DELNP/2004	PCT/AU01/01510		Australia	Very Small Particle Company Pty. Ltd., 31 Westgate Street, Wacol, Queensland, 4076, Australia.	Nano Sized particles of metal oxide	
	Dt : 06/07/2004	Dt : 21/11/2001					
22	1927/DELNP/2004	PCT/US03/01825	60/351,555 dt. 24/1/2002 USA	United States of America	H.C. Starck, Inc., 45, Industrial Place, Newton, MA 02161-1951, USA	Refractory metal and alloy refining by laser forming and melting.	C23C 26/00
	Dt : 06/07/2004	Dt : 22/01/2003					
23	1928/DELNP/2004	PCT/EP02/00395		Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216, Ingelheim am Rhein, Germany	Bilayer pharmaceutical tablet comprising telmisartan and a diuretic and preparation thereof	A61K 9/20
	Dt : 06/07/2004	Dt : 16/01/2002					
24	1929/DELNP/2004	PCT/FR03/00267	02/01045 dt. 29/1/2002 France.	France	Degremont, 183, Avenue du 18 Juin 1940, F-92500 Rueil Malmaison, France.	Method and plant for biological treatment of aqueous effluents for purification thereof.	C02F 3/12
	Dt : 06/07/2004	Dt : 28/01/2003					
25	1930/DELNP/2004	PCT/EP03/00058	102 01 544.9 dt. 17/1/2002 Germany.	Germany	Bayer Cropscience AG, Alfred-Nobel-Strasse 50, 40789 Monheim, Germany.	Substituted Pyrazolines.	C07D 231/28
	Dt : 06/07/2004	Dt : 07/01/2003					
26	1931/DELNP/2004	PCT/SE03/00148	0200648-4 dt. 28/2/2002 SE	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126. 25 Stockholm, Sweden.	A method and distributed rating system for determining rating data in a charging system.	H04L 12/14
	Dt : 06/07/2004	Dt : 29/01/2003					
27	1932/DELNP/2004	PCT/EP03/00203	020900383.7 dt. 25/1/2002 EPO	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, 92100 Boulogne-Billancourt, France.	Physical layer circuit and interface circuit	H04L 12/64
	Dt : 06/07/2004	Dt : 11/01/2003					
28	1933/DELNP/2004	PCT/SE03/00341	60/361,382 & 60/337,059 dt. 28/2/2002 & 1/5/2002 USA	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	Method and apparatus for handling user identities under single sign-on services.	G06F 1/00
	Dt : 06/07/2004	Dt : 28/02/2003					
29	1934/DELNP/2004	PCT/FR03/00454	02/01686 dt. 12/2/2002 FR	France	Adisseo France S.A.S., of 42 avenue Aristide Briand, 92160	Method for the purification of acrolein.	C07C 45/48
	Dt : 06/07/2004	Dt : 12/02/2003					

					Antony, France.		
30	1935/DELNP/2004	PCT/US03/04711	10/076,674 & 10/355,161 dt. 14/2/2002 & 31/1/2003 USA	United States of America	United Biomedical Inc., 25 Davids Drive, Hauppauge, NY 11788, USA	Stabilized synthetic immunogen delivery system	A61K
	Dt : 06/07/2004	Dt : 14/02/2002					
31	1936/DELNP/2004	PCT/EP03/00661	90 883 dt. 23/1/2002 LU	Luxembourg	Paul Wurth S.A., 32, Rue d' Alsace, 1122 Luxembourg.	Method and device for monitoring a mass flow in a pneumatic pipeline.	G01F 1/66
	Dt : 06/07/2004	Dt : 23/01/2003					
32	1937/DELNP/2004	PCT/GB03/00140	0200852.2 dt. 15/1/2002 GB	Great Britain	xaar Technology Limited, Science Park, Milton Road, Cambridge CB4 0XR, GB.	Droplet deposition apparatus.	B41J 2/14
	Dt : 06/07/2004	Dt : 15/01/2003					
33	1938/DELNP/2004	PCT/US02/41336	60/342,034 & 60/386,482 dt. 19/12/2001 & 5/6/2002 USA	United States of America	Atherogenics, Inc., 8995, Westside Parkway, Alpharetta, GA 30004, USA	Chalcone Derivatives and their use to treat diseases.	A61K
	Dt : 06/07/2004	Dt : 19/12/2002					
34	1939/DELNP/2004	PCT/US2/4107	60/344,464 dt. 28/12/2001 USA	United States of America	Mediquest Therapeutics, Inc., 2800 Milan Court, Birmingham, AL 35211-6908, USA	Hydroxamic acid and its derivatives as inhibitors of melanocyte tyrosinase for topical skin lighteners..	A61K 7/48
	Dt : 06/07/2004	Dt : 23/12/2002					
35	1940/DELNP/2004	PCT/US03/019995	10/055,076 dt. 23/1/2002 USA	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, 92648 Boulogne-Cedex, France.	Dual chien search blocks in an error- correcting decoder.	H03M 13/15
	Dt : 06/07/2004	Dt : 22/01/2003					
36	1941/DELNP/2004	PCT/US03/01904	10/055,470 dt. 23/1/2002 USA	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, 92648 Boulogne-Cedex, France..	Chien Search cell for an error- correcting decoder.	H03M 13/00
	Dt : 06/07/2004	Dt : 22/01/2003					
37	1942/DELNP/2004	PCT/US03/01913	10/055,114 dt. 23/1/2002 USA	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, 92648 Boulogne-Cedex, France.	Intra-decoder component block messaging	H03M 13/00
	Dt : 06/07/2004	Dt : 22/01/2003					
38	1943/DELNP/2004	PCT/IT03/00106	VR2002A000118 dt. 12/11/2002 Italy.	Italy	Amafa Service Srl, Via Lazzaretti, 2/a, I-42100 Reggio Emilia, Italy.	Methods for tri- cold extrusion of metallic elements with dead or through holes and plant for carrying out said methods	B21K 1/55
	Dt : 06/07/2004	Dt : 26/02/2003					
39	1944/DELNP/2004	PCT/KR03/02659	2002-0078809 dt. 11/12/2002 Korea.	Korea	LG Chem, Ltd., LG Twin Tower, Yoido- dong, 20, Youngdungpo-ku, Seoul 150-721, Korea.	Electroluminescent devices with low work function anode	H01J 1/62
	Dt : 06/07/2004	Dt : 05/12/2003					
40	1945/DELNP/2004	PCT/IB03/00642	60/358,806, 60/359,038 & 60/360,459 dt. 20/2/2002, 21/2/2002 & 27/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Controlled Synthesis of Ziprasidone and compositions thereof.	A61K 31:405
	Dt : 07/07/2004	Dt : 17/02/2003					

41	1946/DELNP/2004	PCT/EP03/00144	02425012.8 dt. 15/1/2002 Europe.	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	Flexible and scalable method for handling telecommunication equipments through the control of ATM Access networks.	H04Q 11/04
	Dt : 07/07/2004	Dt : 09/01/2003					
42	1947/DELNP/2004	PCT/EP03/00059	102 02 019.1 dt. 18/1/2002 Germany.	Germany	Bayer Healthcare AG, D-51368 Leverkusen, Germany.	Stable salts of O- Acetylsalicyclic acid containing basic amino acids II	A61K 9/16
	Dt : 07/07/2004	Dt : 07/01/2003					
43	1948/DELNP/2004	PCT/US03/00327	10/051,539 dt. 16/1/2002 USA	United States of America	Raytheon Company, 870 Waltham Street, Massachusetts 02451, USA	Compressing cell headers for data communication.	H04J 3/24
	Dt : 07/07/2004	Dt : 06/01/2003					
44	1949/DELNP/2004	PCT/BR03/00010	PI 0200230-2 dt 28/1/2002 Brazil.	Brazil	Multibras S.A. Electrodomesticos, Avenida das Nacoes Unidas, 12995, 32 Andar, 04578-000-Sao Paulo-SP, Brazil.	Air duct system for a refrigerator.	F25J 17/16
	Dt : 07/07/2004	Dt : 28/01/2003					
45	1950/DELNP/2004	PCT/CA02/00002	10/038,124 dt. 2/1/2002 USA	Canada	Sisra Wireless, Inc., 13811 Wireless Way, Richmond, British Columbia V6V 3A4 Canada.	Core wireless engine.	H04L 27/00
	Dt : 07/07/2004	Dt : 02/01/2003					
46	1951/DELNP/2004	PCT/EP03/00053	102 01 391 8 dt 16/1/2002 Germany	Germany	Bayer Cropscience AG, Alfred-Nobel- Strasse 50, 40789 Monheim, Germany.	Use of Alcohol Ethoxylates as penetrants.	A01N 47/30
	Dt : 07/07/2004	Dt : 07/01/2003					
47	1952/DELNP/2004	PCT/GB03/00480	02002578.9 dt. 4/2/2002 Europe.	Finland	Borealis Technology Oy, P.O. Box 330, Fin- 06101 Porvoo, Finland.	Polymer film	C08F 297/08
	Dt : 07/07/2004	Dt : 04/02/2003					
48	1953/DELNP/2004	PCT/GB02/05610	0129590.6 dt. 11/12/2001 UK	United Kingdom	Cambridge Biopolymers Limited, Lckleton Road, Duxford, Cambridgeshire CB2 4FB, UK	Dil Dzonolysis	C07C 407/00
	Dt : 07/07/2004	Dt : 11/12/2002					
49	1954/DELNP/2004	PCT/JP03/00340	2002-10086 dt. 18/1/2002 Japan	Japan	Kabushiki Kaisha Riken, 13-5, Kudankita 1-chome, Chiyoda-ku, Tokyo 102-0073, Japan.	Thermal Spray Coated Piston Ring.	F16J 9/26
	Dt : 08/07/2004	Dt : 17/01/2003					
50	1955/DELNP/2004	PCT/US03/00436	50/346,449 dt 7/1/2002 USA	United States of America	Lifesensors, Inc., 271 Greet Valley Parkway, Malvern, PA 19356, USA	Methods and compositions for protein expression and purification	A61K 7/00
	Dt : 08/07/2004	Dt : 07/01/2003					
51	1956/DELNP/2004	PCT/KR2003/01974	10-2002-58515 & 10-2003-01856 dt 26/9/2002 & 11/1/2003 Korea	Korea	L G Electronics Inc., 20, Yoido- Dong, Youngdungpo-gu, Seoul, Korea	Write-once type optical disc and method and apparatus for managing defective areas on write-once type	G11B 7/00
	Dt : 08/07/2004	Dt : 26/09/2003					

						optical disc.	
52	1957/DELNP/2004	PCT/F103/00071	20020176 dt. 30/1/2002 Finland.	Finland	Boreal Plant Breeding Ltd., Myllytie 10, Fin- 31600 Jokioinen, Finland.	Method and test kit for demonstrating genetic identity.	C129 1/68
	Dt : 08/07/2004	Dt : 29/01/2003					
53	1958/DELNP/2004	PCT/US03/01583	60/349,920 & 60/350,527 dt. 17/1/2002 & 22/1/2002 USA	United States of America	Neurogen Corporation, 35 Northeast Industrial Road, Branford, Connecticut 06405, USA	Substituted quinazolin-4- ylamine analogues.	A61K 31/4706
	Dt : 08/07/2004	Dt : 17/01/2003					
54	1959/DELNP/2004	PCT/US03/04355	10/075,203 dt. 14/2/2002 USA	United States of America	The Glidden Company, 925 Euclid Avenue, Suite 900, Cleveland, Ohio 44115, USA	Moisture curable adhesive composition.	C09J 201/10
	Dt : 08/07/2004	Dt : 14/02/2003					
55	1960/DELNP/2004	PCT/EP02/13092	WTO 02075052.7 dt. 2/1/2002 EPO	Italy	Pharmacia Italia SPA, Via Robert Koch, 1.2, I-20152, Milan, Italy.	Combined therapy against tumors comprising substituted acryloyl distamycin derivatives and protein kinase (serine/threonine kinase) inhibitors.	A61K 45/06
	Dt : 08/07/2004	Dt : 18/12/2002					
56	1961/DELNP/2004	PCT/CA02/01928	2,364,860 dt. 13/12/2001 Canada.	United States of America	Soma Networks Inc., Suite 2000, Wharfside Bldg., China Basin Landling, 185 Berry Street, San Francisco, California 94107, USA	Communication channel structure and method.	H04Q 7/38
	Dt : 08/07/2004	Dt : 13/12/2002					
57	1962/DELNP/2004	PCT/US03/001486	60/349,429 dt. 22/1/2002 USA	United States of America	Northwest Coatings L.L.C. 7221 South 10th Street, Oak Creek, WI 53154, USA	Radiation-cured, Laminated flexible packaging material, and radiation-curable, adhesive composition.	C09J 4/00
	Dt : 08/07/2004	Dt : 21/01/2003					
56	1963/DELNP/2004	PCT/EP01/14749		Swaziland	Jagotec AG, Eptingerstrasse 51, CH-4132, Muttenz, Switzerland.	Pharmaceutical formulation comprising cyclosporin and use thereof.	A61K 38/13
	Dt : 08/07/2004	Dt : 14/12/2001					
59	1964/DELNP/2004	PCT/GB03/00468	0202820.1 dt. 5/2/2002 UK	England	Meritor Heavy Vehicle Braking Systems (UK), Limited, Grange Road, Cwmbran, Gwent NP44 3XU, England.	Cast Brake Disc.	F15D 65/12
	Dt : 08/07/2004	Dt : 04/02/2003					
60	1965/DELNP/2004	PCT/SE02/02296	0104229-0 dt. 14/12/2001 Sweden	Sweden	Televison and Wireless applications Europe AB, Nybrogatan 7, S- 114 34 Stockholm, Sweden.	Method and system and for conditional access.	H04N 7/173
	Dt : 08/07/2004	Dt : 11/12/2002					
61	1966/DELNP/2004	PCT/GB03/00105	0200657.5 dt.	England	Antisoma PLC.	Cancer treatment.	A61K

			12/1/2002 UK		West Africa House, Hanger Lane, Ealing, London W5, 3QR, England.		39/395
	Dt : 08/07/2004	Dt : 13/01/2003					
62	1967/DELNP/2004	PCT/FR03/00043	02/00162 dt. 8/1/2002 France.	Swaziland	Aistom Technology Ltd., Brown Boveri Str., 7, CH-5400 Baden, Switzerland.	Material that is cavitation-erosion resistant in fluid run-offs	C08G 18/1
	Dt : 08/07/2004	Dt : 08/01/2003					
63	1968/DELNP/2004	PCT/US03/00623	60/348,082 & 60/349,977 dt. 10/1/2002 & 18/1/2002 USA	Israel	Teva Pharmaceutical Industries, Ltd., 5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel.	Selective enzymatic esterification and solvolytic of epimeric vitamin D analog and separation of the epimers.	C12N 9/20
	Dt : 08/07/2004	Dt : 09/01/2003					
64	1969/DELNP/2004	PCT/FR02/04216	01/15924 dt. 10/12/2001 France.	France	Galderma Research & Development S.N.C., 635, route des Lucioles, Sophia Antipolis, F- 06560 Valbonne, France.	Vitamin D analogues.	C07C 43/23
	Dt : 08/07/2004	Dt : 06/12/2002					
65	1970/DELNP/2004	PCT/US03/02972	10/066080 dt. 31/1/2002 US	United States of America	Conocophillips Company, 600 North Dairy Ashford Huston, TX 77079, USA	Coated carbonaceous particles particularly useful as electrode materials in electrical storage cells, and methods of making the same.	C10C 3/10
	Dt : 08/07/2004	Dt : 31/01/2003					
66	1971/DELNP/2004	PCT/US02/02206		United States of America	Carrier Corporation, Carrier Parkway, P.O. Box 4800, Syracuse, New York 13221, USA	Method to rough size coated components for easy assembly.	B05D 3/12
	Dt : 08/07/2004	Dt : 23/01/2002					
67	1972/DELNP/2004	PCT/EP02/13244	01129563.1 dt. 11/12/2001 EP	Swaziland	Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Use of micro- organisms for a directed delivery of substances to specific parts of the gut	A61K 47/48
	Dt : 09/07/2004	Dt : 25/11/2002					
68	1973/DELNP/2004	PCT/EP02/14120	01204838.5 dt. 11/12/2001 EP	Swaziland	Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Composition for promotion of bone growth and maintenance of bone health.	A23L 1/30
	Dt : 09/07/2004	Dt : 10/12/2002					
69	1974/DELNP/2004	PCT/EP02/13174	01204839.3 dt. 11/12/2001 EP	Swaziland	Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Food or pet food composition containing plant extract for bone health.	A23L 1/30
	Dt : 09/07/2004	Dt : 10/12/2002					
70	1975/DELNP/2004	PCT/US03/00558	10/046,240 dt. 16/1/2002 US	United States of America	Appleton Papers Inc., 825 E. Wisconsin Avenue P.O. Box 359 Appleton, WI 54912-0359 USA	Improved determination of gas solubility, entrained gas content, and true liquid density in	F15D
	Dt : 09/07/2004	Dt : 09/01/2003					

						manufacturing processes	
71	1976/DELNP/2004	PCT/AU03/00005	PR 9832 dt. 4/1/2002 AU	Australia	Glew, Wayne Kenneth, of 1004 Chapman Road, Glenfield Via Geraldton, Western Australia 6532, Australia.	Fuel supply system for an internal combustion engine.	F02M 31/04
	Dt : 09/07/2004	Dt : 03/01/2003					
72	1977/DELNP/2004	PCT/US03/00860	60/347,590 dt. 10/1/2002 USA	United States of America	Unifrax Corporation, of 2351 Whirlpool Street, Niagara Falls, New York 14305-2413, USA.	High temperature resistant vitreous inorganic fiber.	C09B 67/00
	Dt : 09/07/2004	Dt : 10/01/2003					
73	1978/DELNP/2004	PCT/GB03/00171	0201066.8 dt. 17/1/2002 UK	United Kingdom	Tencel Limited, of 1 holme Lane, Spondon, Derby DE21 7BP, UK	Dyeing and Finishing of modai fabrics	D06B 3/00
	Dt : 09/07/2004	Dt : 16/01/2003					
74	1979/DELNP/2004	PCT/EP2002/011916	02020685.0 dt. 13/9/2002 EPO	Switzerland	Dometic Ag, of Zurcherstrasse 239, 8500 Frauenfeld, Switzerland.	Fuel Composition.	C10I 1/14
	Dt : 09/07/2004	Dt : 24/10/2002					
75	1980/DELNP/2004	PCT/AU02/01735	PR 9708 and 2002/950772 dt. 21/12/2001 & 14/8/2002 AU	Australia	University of Sydney, of sydney, New South Wales, 2000 Australia.	Aqueous dispersions of polymer particles	C08F 2/22
	Dt : 09/07/2004	Dt : 20/12/2002					
76	1981/DELNP/2004	PCT/US03/00011	101/040,357 dt. 9/1/2002 US	United States of America	Roman Radon, of 5240 SE 115th Street, Belleview, FL 33420, USA.	High chromium-nitrogen bearing castable alloy	C22C 38/18
	Dt : 09/07/2004	Dt : 08/01/2003					
77	1982/DELNP/2004	PCT/IB01/02718		United States of America	Uop LLC, at East Algonquin Road, Des Plaines, Illinois 60017-5017, USA.	A method to produce lube basestock.	C10G 65/1
	Dt : 09/07/2004	Dt : 20/12/2001					
78	1983/DELNP/2004	PCT/SE03/00265	0200459-6 dt. 18/2/2002 SE	Norway	AnoxKaldnes AS, of P.O Box 2011, N-3103 Tonsberg, Norway.	Method for Biological Purification of water Using a Carrier Material.	C02F 3/10
	Dt : 09/07/2004	Dt : 18/02/2003					
79	1984/DELNP/2004	PCT/US03/01823	60/351,146 dt. 23/1/2002 USA	United States of America	H.C.Starck, Inc., 45 Industrial Place, Newton, MA 02161-1551, USA	Stabilized grain size refractory metal powder metallurgy mill products.	C22C 32/00
	Dt : 09/07/2004	Dt : 21/01/2003					
80	1985/DELNP/2004	PCT/US03/00231	10/043,764 dt. 8/1/2002 USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Enhanced multiway radix tree.	G06F 17/30
	Dt : 09/07/2004	Dt : 03/01/2003					
81	1986/DELNP/2004	PCT/US02/41556	10/039,254 dt. 2/1/2002 USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Controlling compatibility levels of binary translations between instruction set architectures	G06F 9/31
	Dt : 09/07/2004	Dt : 27/12/2002					
82	1987/DELNP/2004	PCT/US03/01239	10/054,838 dt. 22/1/2002 USA	United States of	The Gates Corporation, 900	Belt installation tool.	F16H 7/24

				America	South Broadway, Denver, Colorado 80209, USA		
	Dt : 09/07/2004	Dt : 13/01/2003					
83	1988/DELNP/2004	PCT/IB02/05496	02/00577 dt. 18/1/2002 France.	France	Thermagen, 1 Avenue de la Terrasse, Batiment 5, 91198 GIF-Sur Yvette, France.	Insulation of a self- cooling beverage package.	B65D 81/18
	Dt : 09/07/2004	Dt : 18/12/2002					
84	1989/DELNP/2004	PCT/US03/00781	60/347,569 & 10/301,394 dt. 10/1/2002 & 21/11/2002 USA	Germany	Robert Bosch GMBH, Postfach 30 02 20, 70442, Stuttgart, Federal Republic of Germany.	Self-Organizing hierarchicel wireless network for surveillance and control.	H04L
	Dt : 09/07/2004	Dt : 10/01/2003					
85	1990/DELNP/2004	PCT/EP02/14468	A 47/2002 dt. 11/1/2002 Austria.	Austria	Voest-Alpine Industrienlagenbau GMBH & Co., Turmstrasse 44, A- 4031 Linz, Austria.	Casting Roll and process for producing a casting roll	B22D 11/06
	Dt : 09/07/2004	Dt : 18/12/2002					

## PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	1991/DELNP/2004 Dt : 12/07/2004	PCT/BR02/00019 Dt : 14/02/2003	MU 8200280.0 dt. 18/2/2002 Brazil.	Brazil	Multibras S.A., Electrodomesticos , Avenida das Nacoes Unidas, 12995, 32 andar, 04578-000-Sao Paulo-SP, Brazil.	Fastener for a tube- wire condenser.	F25D 23/00
2	1992/DELNP/2004 Dt : 12/07/2004	PCT/US03/05383 Dt : 20/02/2003	60/365,767 dt. 19/3/2002 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898 USA	Bicyclic fused pyridinyl amides and advantageous compositions thereof for use as fungicides.	C07D 401/12
3	1993/DELNP/2004 Dt : 12/07/2004	PCT/US03/16732 Dt : 28/05/2003	10/161,454, 0206886 & 2,388,431 dt. 31/5/2002 USA, France & Canada.	United States of America	R.P. Scherer Technologies, Inc., 7690 Cheyenne Avenue, Suite 100, Las Vegas, Nevada 89129, USA	Oral pharmaceutical composition for soft capsules containing vinorelbine and method of treatment.	A61K
4	1994/DELNP/2004 Dt : 12/07/2004	PCT/EP03/00117 Dt : 09/01/2003	102 01 409.4 dt. 15/1/2002 Germany.	Germany	Sig-Combibloc Systems GMBH, Rurstrasse 58, 52441, Linnich, Germany.	Method and device for ensuring authorized and process-optimized use of semi-finished materials in a production facility.	G06F 19/00
5	1995/DELNP/2004 Dt : 12/07/2004	PCT/US03/00724 Dt : 10/01/2003	10/060,721 dt. , 30/1/2002 USA	United States of America	John D Brush & Co. , Inc. , 900 Linden Avenue, Rochester, New York 14526, USA	Fire and water- resistant container.	A47B 96/04
6	1996/DELNP/2004 Dt : 12/07/2004	PCT/US03/08205 Dt : 18/03/2003	60/365,764 dt. 19/3/2002 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898 USA	Benzamides and advantageous compositions thereof for use as fungicides.	A01N 43/40
7	1997/DELNP/2004 Dt : 12/07/2004	PCT/US03/08179 Dt : 18/03/2003	60/365,765 dt. 19/3/2003 USA	United States of America	E.I. Du Pont De Nemours and Company, of 1007 Market Street, Wilmington, Delaware 19898, USA	Pyridinyl amides and advantageous compositions thereof for use as fungicides.	C07D 213/82
8	1998/DELNP/2004 Dt : 12/07/2004	PCT/US03/01699 Dt : 21/01/2003	10/074,115 dt. 11/2/2002 USA	United States of America	Motorola Inc., 1303, Algonquin Road, Schaumburg, Illinois 60196, USA	Improved turbo code based incremental endundancy.	H03M 13/00



9	1999/DELNP/2004	PCT/US03/008186	60/365,766 dt. 19/3/2002 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898 USA	Synergistic fungicide compositions containing at least one N-(2-Pyridinyl) methyl-3- pyridinecarboxamid e derivatives and one or more further fungicides useful for controlling fungal plant diseases.	A01I 43/4
	Dt : 12/07/2004	Dt : 18/03/2003					
10	2000/DELNP/2004	PCT/US03/00037	60/351,058 dt. 23/1/2002 USA	United States of America	Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, Michigan 49001, USA	Combination therapy for the treatment of bacterial infections.	A61K 45/06
	Dt : 12/07/2004	Dt : 21/01/2003					
11	2001/DELNP/2004	PCT/US03/03348	10/074,970 dt. 13/2/2002 USA	United States of America	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.	Reselection optimization in mobile wireless communication devices and methods therefor.	H04Q 7/00
	Dt : 12/07/2004	Dt : 04/02/2003					
12	2002/DELNP/2004	PCT/US03/03347	10/083,876 dt. 27/2/2002 USA	United States of America	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.	Software content downloading methods in radio communication networks.	G06F 15/16
	Dt : 12/07/2004	Dt : 04/02/2003					
13	2003/DELNP/2004	PCT/KR2003/001688	10-2002-0069937 dt. 12/11/2002 Korea.	Korea	LG Electronics Inc., 20, Yoido- dong, Youngdungpo-gu, Seoul 150-010, Korea.	Recording medium having data structure for manging reproduction of multiple reproduction path video data recorded thereon and recording and reproducing methods and apparatuses	G11B 7/004
	Dt : 12/07/2004	Dt : 21/08/2003					
14	2004/DELNP/2004	PCT/DE03/00005	10201877.4 dt. 18/1/2002	Germany	Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Munich, Germany	Camera with adjustable focus.	H04N 5/232
	Dt : 13/07/2004	Dt : 02/01/2003					
15	2005/DELNP/2004	PCT/EP02/12184	01204879.9 dt. 13/12/2001 EP	Switzerland	Societe des produits nestle S.A. P.O. Box 353, CH-1800 Vevey, Switzerland.	Isolated phages and their use in food or pet food products.	
	Dt : 13/07/2004	Dt : 30/10/2002					
16	2006/DELNP/2004	PCT/DK03/00118	PA 2002 00334 dt. 5/3/2002 Denmark.	Denmark	Ke-Burgmann A/s Park Alle 34, DK- 6600 Vejen, Denmark.	High-flexible laminate for use by protection against aggressive medias and a method for manufacture of same.	B32B 17/10
	Dt : 13/07/2004	Dt : 22/02/2003					

17	2007/DELNP/2004	PCT/IB03/00265	60/353,151 dt. 1/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Osmotic delivery system.	A61K 9/00
	Dt : 13/07/2004	Dt : 28/01/2003					
18	2008/DELNP/2004	PCT/IB03/00276	WTO 60/353,840 dt. 1/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Immediate release dosage forms containing solid drug dispersions.	A61K 9/14
	Dt : 13/07/2004	Dt : 28/01/2003					
19	2009/DELNP/2004	PCT/GB03/00175	0200925.6 dt. 16/1/2002 GB	Great Britain	Renishaw PLC, New Mills, Wotton- under-edge, Gloucestershire GL12 8JR, GB.	Aligning optical components of an optical measuring system.	G01B 11/27
	Dt : 13/07/2004	Dt : 16/01/2003					
20	2010/DELNP/2004	PCT/US03/01137	60/349,310 dt. 15/1/2002 USA	Israel	Teva Pharmaceutical Industries, Ltd., 5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel.	Crystalline solids of carvedilol and processes for their preparation.	C01B
	Dt : 13/07/2004	Dt : 15/01/2003					
21	2011/DELNP/2004	PCT/GB03/00251	0201362.1 dt. 22/1/2002 GB	Great Britain	Renishaw PLC, New Mills, Wotton- under-edge, Gloucestershire GL12 8JR, GB.	Re-Orientatable sample holder.	G01B 5/00
	Dt : 13/07/2004	Dt : 22/01/2003					
22	2012/DELNP/2004	PCT/EP03/00429	102 02 072.8 dt. 18/1/2002 Germany.	Germany	Sig-Cornbibloc Systems GMBH, Rurstrasse 58, 52441, Linnich, Germany.	Composite material for light-, gas-and liquid-tight heat- sealing packagings.	B32B 29/00
	Dt : 13/07/2004	Dt : 17/01/2003					
23	2013/DELNP/2004	PCT/EP03/01716	102 07 072.5 dt. 20/2/2002 Germany.	Germany	Fresenius Kabi Deutschland GMBH, Eise- Kroner-strasse 1 61352 Bad Homburg v.d.H., Germany.	Starch Derivatives, starch active- substance conjugates, method for the production thereof and their use as medicaments.	C08B 31/00
	Dt : 13/07/2004	Dt : 20/02/2003					
24	2014/DELNP/2004	PCT/US03/00878	60/347,610 dt. 9/1/2002 USA	United States of America	Emisphere Technologies, Inc., 765 Old Saw Mill River Road, Tarrytown, New York 10591, USA	Polymorphs of sodium 4-[(4-chloro- 2-hydroxybenzoyl) amino] butanoate.	C07C
	Dt : 13/07/2004	Dt : 09/01/2003					
25	2015/DELNP/2004	PCT/US03/02779	60/353,586 dt. 30/1/2002 USA	Netherlands	Shell Internationale Research Matschappij B.V., Carel van Bylandtlaan 30, NL-2596, The Hague, The Netherlands.	Iron Oxide-Based catalyst, its preparation and its use in a dehydrogenation process.	B01J 23/83
	Dt : 13/07/2004	Dt : 30/01/2003					
26	2016/DELNP/2004	PCT/GB03/00343	02290242.3 dt. 1/2/2002 EPO	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Quinazoline compounds.	A61P35/0 0
	Dt : 14/07/2004	Dt : 28/01/2003					

27	2017/DELNP/2004	PCT/FR03/00395	02/01512 dt. 7/2/2002 France.	France	Francois Teytaud, 33, rue Anna Jacquin, 92100 Boulogne- Billancourt, France.	Method and device for language comprehension.	G09b
	Dt: 14/07/2004	Dt: 07/02/2003					
28	2018/DELNP/2004	PCT/US03/00036	60/351,628 dt. 25/1/2002 USA	United States of America	Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, Michigan 49001, USA	Cotherapy with an oxazolidinone and A vitamin B	A61K 31/422
	Dt: 14/07/2004	Dt: 21/01/2003					
29	2019/DELNP/2004	PCT/US03/04520	PCT/US02/04407 & 60/411,702 dt. 15/2/2002 & 18/9/2002 USA	United States of America	Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, Michigan 49001 USA	Process for preparing indolinone derivatives.	C07D
	Dt: 14/07/2004	Dt: 14/02/2003					
30	2020/DELNP/2004	PCT/DE03/00480	102 03 688.6 dt. 31/1/2002 Germany.	Germany	Bayer Materialscience AG, D-51368, Leverkusen, Germany.	Electrochemical half-cell.	C25B 11/03
	Dt: 14/07/2004	Dt: 10/01/2003					
31	2021/DELNP/2004	PCT/EP03/00600	PO2002A000069 dt. 24/1/2002 Italy	Italy	Plastlac S.R.L., Corso Lamarmora, 6, I-15100 Alessandria, Italy	Paint, particularly for plastic materials, and painting method using said paint.	c09d
	Dt: 14/07/2004	Dt: 22/01/2003					
32	2022/DELNP/2004	PCT/US03/001822	60/351,554 dt. 24/1/2002 USA	United States of America	H.C.Starck, Inc., 45 Industrial Place, Newton, MA 02161-1591, USA	Capacitor-grade lead wires with increased tensile strength and hardness.	H01G 9/042
	Dt: 14/07/2004	Dt: 11/01/2003					
33	2023/DELNP/2004	PCT/US03/03345	10/074,969 dt. 13/2/2002 USA	United States of America	Motorola Inc., 1303, Algonquin Road, Schaumburg, Illinois 60196, USA	Apparatus for multiple band communication.	H04M1/7 2
	Dt: 14/07/2004	Dt: 04/02/2003					
34	2024/DELNP/2004	PCT/US03/003507	10/072,610 dt. 02/2/2002 US	United States of America	Thermage, Inc., 4058, Point Eden Way, Hayward, CA 94545 USA	Handpiece for RF Treatment of tissue	A61B18/1 4
	Dt: 14/07/2004	Dt: 05/02/2003					
35	2025/DELNP/2004	PCT/US03/003295	10/072,475 dt. 02/2/2002 US	United States of America	Thermage, Inc., 4058, Point Eden Way, Hayward, CA 94545 USA	Handpiece for RF treatment of tissue.	A61B18/1 4
	Dt: 14/07/2004	Dt: 23/01/2003					
36	2026/DELNP/2004	PCT/US04/008794	10/404,883 dt. 31/3/2003 US	United States of America	Thermage, Inc., 4058, Point Eden Way, Hayward, CA 94545 USA	Handpiece with RF electrode and non- volatile memory.	
	Dt: 14/07/2004	Dt: 01/01/2003					
37	2027/DELNP/2004	PCT/US03/01449	60/349,061 & 60/351,191 dt. 10/1/2002 & 25/1/2002 US	United States of America	Encapsulation Systems, Inc., 1101 Sussex Boulevard, Broomall, PA 19008, USA	Substance delivery device.	A61M
	Dt: 14/07/2004	Dt: 16/01/2003					

38	2028/DELNP/2004	PCT/US02/039179	60/348,306 dt. 15/1/2002 US	United States of America	Redding, Bruce, K. Jr., P.O. Box 759, Broomall, PA 19008, USA	A wearable, p. table sonic applicator for inducing the release of bioactive compounds from internal organs.	A61B8/00
	Dt : 14/07/2004	Dt : 09/12/2002					
39	2029/DELNP/2004	PCT/RU02/00555	2001135068 dt. 26/12/2001 RU	-	Zakritoe Maktzionernoe Obschestvo Mezhotraslevoe, juridicheskoe agenstvo, Jurpromkonsalting , Pokrovsky boulvar, 8, Stroenie 2B-6, Moscow, 109028 and other	Method of applying the coatings from aluminium alloy on cast iron and steel products.	
	Dt : 14/07/2004	Dt : 25/12/2002					
40	2030/DELNP/2004	PCT/GB03/00106	02250396.5 dt. 21/1/2002 EP	United Kingdom	Business Integrity Limited, 33 st. John's Lane, London EC1M 4DB, UK.	Document generation system and method.	
	Dt : 14/07/2004	Dt : 13/01/2003					
41	2031/DELNP/2004	PCT/US02/38227	10/053,029 dt. 17/1/2002 USA	United States of America	General Electric Company, One River Road, Schenectady, New York 12345, USA	Onium salts with weakly coordinating imidazolidine anion as cationic initiators.	C07D 233/80
	Dt : 14/07/2004	Dt : 26/11/2002					
42	2032/DELNP/2004	PCT/GB03/00505	10/082,746 dt. 21/2/2002 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Apparatus and method of dynamically repartitioning a computer system in response to partition workloads.	G06F 9/46
	Dt : 14/07/2004	Dt : 05/02/2003					
43	2033/DELNP/2004	PCT/EP03/00164	10/077,129 dt. 15/2/2002 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Providing a snapshot of a subset of a file system.	G06F 11/14
	Dt : 14/07/2004	Dt : 10/01/2003					
44	2034/DELNP/2004	PCT/CA02/02030	60/342,130 dt. 26/12/2001 USA	Canada	Research in Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada	User interface and method of viewing unified communications events on a mobile device.	H04M 1/57
	Dt : 14/07/2004	Dt : 23/12/2002					
45	2035/DELNP/2004	PCT/SG01/00258		Singapore	Leong, Weng, Onn 144 Tai Keng Gardens, Singapore 535424, SG	A plectrum.	G10D 3/16
	Dt : 14/07/2004	Dt : 21/12/2001					
46	2036/DELNP/2004	PCT/US03/04888	10/079,184 dt. 20/2/2002 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, US	A disposable absorbent article with partial texture, color or pattern.	A61F 13/15
	Dt : 14/07/2004	Dt : 15/02/2003					

47	2037/DELNP/2004	PCT/JP03/05424	2002-130873 dt. 2/5/2002 Japan.	Japan	New Japan Chemical Co. Ltd., 13 Yoshijima Yagura-cho, Fushimi-ku, Kyoto- shi, Kyoto 612- 8224, Japan.	An agent for ----- ----- comprising the nucleating agent.	C07D 5/1575
	Dt : 15/07/2004	Dt : 28/04/2003					
48	2038/DELNP/2004	PCT/SE03/00378	60/362,187 dt. 5/3/2002 USA	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Alkylammonium salts of omeprazole and esomeprazole.	C07D 40/12
	Dt : 15/07/2004	Dt : 04/03/2003					
49	2039/DELNP/2004	PCT/US02/35497	10/068,782 & 10/114,439 dt. 5/2/2002 & 2/4/2002 USA	United States of America	Superior Energy Services, L.L.C., 1105 Peters Road, Harvey, Louisiana 70058, USA	Bi-Directional Thruster PIG apparatus and method of utilizing same.	E21B
	Dt : 15/07/2004	Dt : 05/11/2002					
50	2040/DELNP/2004	PCT/EP03/01388	238/02 dt. 13/2/2002 Switzerland.	Switzerland	Syngenta Participations AG, Schwarzwaldallee 215, CH-4058, Basel, Switzerland.	Herbicide composition.	A01N 25/32
	Dt : 15/07/2004	Dt : 12/02/2003					
51	2041/DELNP/2004	PCT/SE03/00258	0200465-3 & 0202673- 0 dt. 18/2/2002 & 9/9/2002 SE	Sweden	AstraZeneca AB, of S-151 85 Sodertalje, Sweden.	Chemical Compounds.	C07D 211/52
	Dt : 15/07/2004	Dt : 17/02/2003					
52	2042/DELNP/2004	PCT/FR03/00177	02 00706 dt. 21/1/2002 France.	France	Rhodia Polyamide Intermediates, Avenue Ramboz, F-69190 Saint- Fons, France.	Coil for coolant circulation, method for making same and reactor comprising same.	F28D 7/02
	Dt : 15/07/2004	Dt : 20/01/2003					
53	2043/DELNP/2004	PCT/GB03/00350	020185035 dt. 26/1/2002 GB	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Use of Benzothiazepines having activity as inhibitors of ileal bile acid transport for reducing cholesterololemia.	A61K 31/55
	Dt : 15/07/2004	Dt : 23/01/2003					
54	2044/DELNP/2004	PCT/GB03/00399	0202399-2 dt. 1/2/2002 GB	United Kingdom	Apitope Technology [BRISTOL] Limited, University of Bristol, Department of Pathology and Microbiology, University Walk, Bristol BS8 1TD, UK.	Tolerogenic peptides from myelin basic protein.	C07K 7/00
	Dt : 15/07/2004	Dt : 30/01/2003					
55	2045/DELNP/2004	PCT/IB02/00192		South Africa	Louis Johannes Fourie, 19 Monte Carlo Drive, Highveld X7, Centurion, Gauteng Province, 0169, South Africa.	Induction Furnace Control.	H05B 5/14
	Dt : 15/07/2004	Dt : 14/01/2002					
56	2046/DELNP/2004	PCT/EP02/03852		Luxembourg	Alain Schumacher, 6 rue de la Foret- Verte, L-7340 Heisdorf, Luxembourg.	Media Storage system.	G11B 17/26
	Dt : 15/07/2004	Dt : 05/04/2002					

57	2047/DELNP/2004	PCT/ZA03/00013	2002/0814 & 2002/5337 dt. 31/1/2002 & 4/7/2002 South Africa.	South Africa	Johannes Frederick Wessels, 72, 5th Avenue, Inanda 2196, South Africa and Michael Frederick Johnson, 5 Pigeon Place, Fourways 2055, South Africa.	Electric motor drive assembly and its use in a hybrid vehicle.	H02K 7/116
	Dt : 15/07/2004	Dt : 29/01/2003					
58	2048/DELNP/2004	pct/ib03/00075	2002-008988, 2002- 145348 & 2002- 160204 dt. 17/1/2002, 20/5/2002 & 31/5/2002 Japan.	Japan	Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi- ken 471-8571, Japan.	Planetary Gearset.	F16H 1/22
	Dt : 15/07/2004	Dt : 15/01/2003					
59	2049/DELNP/2004	PCT/CA03/00032	60/349,215,60/349,21 4 & 60/349,216 dt. 18/1/2002 Canada.	Canada	The Hospital for Sick Children, 555 University Avenue, Suite 5270, Toronto, Ontario M5G1X8, Canada.	Compounds for modulating cell proliferation.	
	Dt : 16/07/2004	Dt : 17/01/2003					
60	2050/DELNP/2004	PCT/NO02/00495	2001 6359 dt. 21/12/2001 Norway.	Norway	Phonename As, Postboks 276 Okern, N-0511 Oslo, Norway.	A method for connecting digital telephone calls, and a digital telephone system.	C07F 19/00
	Dt : 16/07/2004	Dt : 20/12/2002					
61	2051/DELNP/2004	PCT/US03/03125	60/359,495 dt. 25/2/2002 USA	United States of America	Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, Michigan 49001, USA	N-Aryl-2- oxazolidinone-5- carboxamides and their derivatives and their use as antibacterials.	C07D 263/2
	Dt : 16/07/2004	Dt : 24/02/2003					
62	2052/DELNP/2004	PCT/US03/03170	WTO 60/353,884 dt. 1/2/2002 USA	United States of America	Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Province Line Road, Princeton, New Jersey 08543-4000, USA and other	Cycloalkyl inhibitors of potassium channel function.	A61K
	Dt : 16/07/2004	Dt : 31/01/2003					
63	2053/DELNP/2004	PCT/JP03/00654	2002-020861 dt. 30/1/2002 Japan.	Japan	PFU Limited, 98-2 Nu, Unoke, Kahoku-gun, Ishikawa 929- 1192, Japan.	Apparatus method and system for multicasting, and program and recording medium thereof.	H04I 12/56
	Dt : 16/07/2004	Dt : 24/01/2003					
64	2054/DELNP/2004	PCT/JP03/00971	2002-29677 dt. 6/2/2002 Japan.	Japan	Nitta Corporation, 4-26, Sakuragawa 4-chome, Naniwa- ku, Osaka-shi, Osaka 556-0022, Japan.	Voltage source and current source with capacitor	H02M 5/08
	Dt : 16/07/2004	Dt : 31/01/2003					
65	2055/DELNP/2004	PCT/US03/03836	60/355,703 dt. 7/2/2002 USA	United States of America	Pharmacia Corporation, 575 Maryville Centre Drive, 5th Floor, Mail Zone 1006, St. Louis, MO 63141, USA	Pharmaceutical dosage form for mucosal delivery.	A61K 9/34
	Dt : 16/07/2004	Dt : 06/02/2003					

66	2056/DELNP/2004	PCT/BE03/00008	02075250.7 & 60/349,253 dt. 22/1/2002 & 1/2/2002 EPO & USA	Belgium	Universiteit Gent, St. Pietersnieuwstraat 25, B-9000 Gent, Belgium.	Metal complexes for use in metathesis.	
	Dt : 16/07/2004	Dt : 22/01/2003					
67	2057/DELNP/2004	PCT/US03/01214	60/348,949 & 60/385,281 dt. 15/1/2002 & 31/5/2002 USA	United States of America	Acambis, Inc., 38 Sidney Street, Cambridge, Massachusetts 02139, USA	Flavivirus Vaccines.	A61K
	Dt : 16/07/2004	Dt : 15/01/2003					
68	2058/DELNP/2004	PCT/US03/01524	10/055,758 dt. 23/1/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Providing multimedia on demand in a near on demand environment.	G06F
	Dt : 16/07/2004	Dt : 17/01/2003					
69	2059/DELNP/2004	PCT/IT03/00525	MI2002A001996 dt. 19/9/2002 Italy.	Italy	Arvedi Giovanni, Via Mercatello, 26, I-26100 Cremona CR, Italy.	Process and production line for manufacturing ultrathin hot rolled strips based on the thin slab technique.	B21B 1/46
	Dt : 16/07/2004	Dt : 28/08/2003					
70	2060/DELNP/2004	PCT/EP03/01259	02250791.7 dt. 6/2/2002 EP	Netherlands	Shell Internationale Research Matschappij B.V., Carel van Bylandtlaan 30, NL-2596, The Hague, The Netherlands.	Process for preparing alkylaryl hydroperoxide containing product.	C07C 407/00
	Dt : 16/07/2004	Dt : 06/02/2003					

## IN/PCT APPLICATION DETAILS

SI No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	2061/DELNP/2004 Dt : 19/07/2004	PCT/US03/08167 Dt : 17/03/2003	60/364,746 dt. 15/3/2002 USA	United States of America	Robert Bosch Corporation, 2800 South 25th Avenue, Broadview, IL 61055, USA	Engine-cooling fan assembly with overlapping fans.	f04d 29/58
2	2062/DELNP/2004 Dt : 19/07/2004	PCT/US03/08712 Dt : 21/03/2003	60/366,728 dt. 22/3/2002 USA	United States of America	Bayer Pharmaceuticals Corporation, 400 Morgan lane, West Haven, Connecticut 06516, USA	Method for producing pseudo islets.	a61f2/02
3	2063/DELNP/2004 Dt : 19/07/2004	PCT/US03/01212 Dt : 15/01/2003	10/050,469 dt. 15/1/2002 USA	United States of America	Honeywell International Inc., 101 Columbia Road P.O. Box 2245, Morristown, New Jersey 07960, USA	Adaptive threshold voltage control with positive body bias for N and P-channel transistors.	
4	2064/DELNP/2004 Dt : 19/07/2004	PCT/GB03/00594 Dt : 12/02/2003	0203296.9, 0203297.7 & 0203298.5 dt. 12/2/2002 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, UK	Oral Dosage form for controlled drug release.	A61K9/44
5	2065/DELNP/2004 Dt : 19/07/2004	PCT/US03/05395 Dt : 21/02/2003	60/359,011 dt. 60/399,886 dt. 22/2/2002 & 31/7/2002 USA	United States of America	Bayer Pharmaceuticals Corporation, 400 Morgan lane, West Haven, Connecticut 06516, USA	Fused tricyclic heterocycles useful for treating hyperproliferative disorders.	c07d307/92
6	2066/DELNP/2004 Dt : 19/07/2004	PCT/US02/41392 Dt : 23/12/2002	10/038,409 dt. 3/1/2002 USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara, California 95052, USA	Network-accessible speaker-dependent voice models of multiple persons.	g10L17/00
7	2067/DELNP/2004 Dt : 19/07/2004	PCT/IB03/00438 Dt : 10/02/2003	60/356,105 dt. 11/2/2002 USA	France	L air Liquide, Societe Anonyme A Directoire et Conseil De Surveillance pour L Etude Et L Exploitation Des Procédés Georges Clause, 75, Quai d Orsay, F-75321, Paris Cedex 07, France.	Integrated air separation and oxygen fired power generation system.	
8	2068/DELNP/2004 Dt : 19/07/2004	PCT/CA03/00089 Dt : 24/01/2003	2,369,711 dt. 30/1/2002 Canada.	Canada	Boehringer Ingelheim [Canada] Ltd., 2100 Cunard Street, Laval, Quebec H7S 2G5, Canada.	Macrocytic peptides active against the hepatitis C virus.	c07k8/08



9	2069/DELNP/2004 Dt : 19/07/2004	PCT/US03/05396 Dt : 21/02/2003	60/359,011 & 60/399,886 dt. 22/2/2002 & 31/7/2002 USA	United States of America	Bayer Pharmaceuticals Corporation, 400 Morgan lane, West Haven, Connecticut 06516, USA	Benzofuran and benzothioephene derivatives useful in the treatment of hyper-proliferative disorders.	c07d 307/82
10	2070/DELNP/2004 Dt : 19/07/2004	PCT/JP03/00439 Dt : 03/02/2003	0203196.1, 0220999.7, 0224453.1 & 0227139.3 dt. 11/2/2002, 10/9/2002, 21/10/2002 & 20/11/2002 GB	United States of America	Pfizer Inc., 235 East 42nd Street, New York, New York 10017, USA	Nicotinamide derivatives useful as PDE4 inhibitors.	A61K31/455
11	2071/DELNP/2004 Dt : 19/07/2004	PCT/KR2003/002512 Dt : 20/11/2003	10-2002-0072519 dt. 20/11/2002 Korea.	Korea	LG Electronics Inc., 20, Yoido- dong, Youngdungpo-gu, Seoul 150-010, Korea.	Recording medium having data structure for managing reproduction of data recorded thereon and reproducing methods and apparatuses.	h04L12/28
12	2072/DELNP/2004 Dt : 19/07/2004	PCT/KR2003/002489 Dt : 19/11/2003	10-2002-0072516 dt. 20/11/2002 Korea.	Korea	LG Electronics Inc., 20, Yoido- dong, Youngdungpo-gu, Seoul 150-010, Korea.	Recording medium having data structure for managing reproduction of at least video data recorded thereon and recording and reproducing methods and apparatuses.	g11b20/10
13	2073/DELNP/2004 Dt : 19/07/2004	PCT/KR2003/001687 Dt : 21/08/2003	10-2002-0072515 dt. 20/11/2002 Korea.	Korea	LG Electronics Inc., 20, Yoido- dong, Youngdungpo-gu, Seoul 150-010, Korea.	Recording medium having data structure for managing reproduction of interleaved multiple reproduction path video data recorded thereon and recording and reproducing methods and apparatuses.	A61K31/501
14	2074/DELNP/2004 Dt : 19/07/2004	PCT/KR03/00278 Dt : 08/02/2003	2002/7678 dt. 9/2/2002 Korea.	Korea	Kim Sang Teon, 102-206, Kangchon Apt., Ichon 1-dong, Yongsan-gu, Seoul, Korea.	Pharmaceutical composition for regeneration of cirrhotic liver.	A61K9/48
15	2075/DELNP/2004 Dt : 19/07/2004	PCT/US03/01134 Dt : 15/01/2003	10/051,201 dt. 18/1/2002 US	United States of America	Banner Pharmacaps, Inc., 4125, Premier Drive, High Point, NC 27265, USA	Non-Gelating Capsule shell formulation comprising tota- carrageenan and kappa-car- rageenan.	b65d39/08
16	2076/DELNP/2004 Dt : 19/07/2004	PCT/GB03/00130 Dt : 15/01/2003	10/047,252 & 0226866.2 dt. 17/1/2002 & 18/1/2002 US & GB		Royal Packaging Industries Van Leer N.V., Amsterdamweg 206, PO Box 22, NL-1180, Amstelveen.	Closure plug improvement.	

17	2077/DELNP/2004 Dt : 19/07/2004	PCT/US03/03396 Dt : 05/02/2003	60/355,637 & 10/339,616 dt. 6/2/2002 & 9/1/2003 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Method and apparatus for concatenating and piggybacking data packets.	
18	2078/DELNP/2004 Dt : 19/07/2004	PCT/US03/03372 Dt : 05/02/2003	60/355,664 & 10/339,681 dt. 6/2/2002 & 9/1/2003 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Method and apparatus for parameter borrowing for network address translator configuration.	h04L12/46
19	2079/DELNP/2004 Dt : 19/07/2004	PCT/US03/03373 Dt : 05/02/2003	60/355,665 & 10/339,750 dt. 6/2/2002 & 9/1/2003 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Method and apparatus for dynamic host configuration protocol lease time determination.	h04L12/56
20	2080/DELNP/2004 Dt : 19/07/2004	PCT/US03/01525 Dt : 17/01/2003	10/056,595 dt. 25/1/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Method and system for contouring reduction.	g06k9/40
21	2081/DELNP/2004 Dt : 19/07/2004	PCT/US03/01390 Dt : 17/01/2003	10/055,759 dt. 23/1/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Multimedia on demand for use in a near on demand environment.	h04n7/173
22	2082/DELNP/2004 Dt : 19/07/2004	PCT/IN02/01153 Dt : 26/03/2002	10/108,760 dt. 27/3/2002 US	India	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.	A composition comprising zoanthus sp extract with antifouling activity and a use thereof.	
23	2083/DELNP/2004 Dt : 19/07/2004	PCT/IN02/00092 Dt : 28/03/2002	10/107,581 dt. 27/3/2002 US	India	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.	Chimeric delta endotoxin protein with extraordinary high insecticidal activity.	
24	2084/DELNP/2004 Dt : 19/07/2004	PCT/EP03/01460 Dt : 12/02/2003	60/356,601 dt. 13/2/2002 USA	Netherlands	Shell Internationale Research Matschappij B.V., Carel van Bylandtlaan 30, NL-2596, The Hague, The Netherlands.	Synthesis of Aliphatic 1,3- diols utilizing reduced ligand concentration and water extraction.	c07c29/16
25	2085/DELNP/2004 Dt : 19/07/2004	PCT/US03/37567 Dt : 24/11/2003	10/306,784 dt. 27/11/2002 USA	United States of America	Carrier Corporation, Carrier Parkway, P.O. Box 4800, Syracuse, New York 13221, USA	Dil Recovery and lubrication system for screw compressor refrigerator machine.	f25b43/02
26	2086/DELNP/2004 Dt : 20/07/2004	PCT/EP02/14287 Dt : 13/12/2002	01205019.1 dt. 20/12/2001 EP	Swaziland	Societe Des Produits Nestle S.A. P.O. Box 353, CH-1800 Vevey; Switzerland.	A food product containing gel capsules or tablets.	A23K1/18

27	2087/DELNP/2004 Dt : 20/07/2004	PCT/EP03/01294 Dt : 10/02/2003	02075535.1 dt. 8/2/2002 EPD	Germany	Johnson & Johnson GmbH, Kaiserswerther Strasse 270, 40474, Dusseldorf, Germany.	Compositions containing oat straw and willowherb extract.	A61K 35/78
28	2088/DELNP/2004 Dt : 20/07/2004	PCT/EP02/02462 Dt : 06/03/2002		Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden.	Service provisioning in a telecommunications system comprising call control service capability services.	h0403/00
29	2089/DELNP/2004 Dt : 20/07/2004	PCT/US03/05746 Dt : 04/02/2003	10/083 944 dt. 27/2/2002 USA	United States of America	Eastman Chemical Company, 100 North Eastman Road, Kingsport, Tennessee 37660, USA	Hydrogenation of polyester oligomers containing terephthalic acid residues.	C08G 3/199
30	2090/DELNP/2004 Dt : 20/07/2004	PCT/FAR02/04233 Dt : 09/12/2002	01/16747 dt. 21/12/2001 France.	France	Galderma Research & Development S.N.C., 635, route des Lucioles, Sophia Antipolis, F- 06560 Valbonne, France.	Gel comprising at least a retinoid and benzoyl peroxide.	A61K 31/07
31	2091/DELNP/2004 Dt : 20/07/2004	PCT/SE03/00466 Dt : 21/03/2003	0200953 8 dt. 27/3/2002 Sweden.	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	A method for exchanging user-specific data from a mobile network to a service application of an external service provider using a unique application user ID code.	h04q7/38
32	2092/DELNP/2004 Dt : 20/07/2004	PCT/US01/22175 Dt : 15/07/2001	60/218,207 dt. 14/7/2000 US	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, USA	Biocide compositions and methods and systems employing same.	A01N 37/40
33	2093/DELNP/2004 Dt : 20/07/2004	PCT/DK02/00899 Dt : 20/12/2002	PA 2001A 01947 dt. 21/12/2001 Denmark.	Denmark	Rigshospitalet, Blegdamsvej 9, DK-2100, Copenhagen, Denmark.	Igmate recruitment and developmental competence in mammals by inhibiting the de-novo steroid biosynthesis and/or promoting steroid efflux.	A61K
34	2094/DELNP/2004 Dt : 20/07/2004	PCT/US2003/016230 Dt : 25/06/2003	10-302,962 dt. 25/11/2002 US	United States of America	Materials Modification, Inc., 2721- D, Merrilee Drive, Fairfax, VA 22031, USA	Multifunctional particulate material, fluid, and composition.	H01F
35	2095/DELNP/2004 Dt : 20/07/2004	PCT/GB03/00102 Dt : 14/01/2003	60/347,899 dt. 15/1/2002 US	United Kingdom	Cancer Research Technology Limited, Sardinia House, Sardinia Street, London WC2A, 3NL, UK.	Therapeutic acridone and acridine compounds.	c07D219/08

36	2096/DELNP/2004 Dt : 20/07/2004	PCT/US03/01640 Dt : 17/01/2003	10/054,350 dt. 19/1/2002 USA	United States of America	The Curators of the University of Missouri, Missouri-Columbia, 615, Locust Building, Colombia, MO 65211, USA	Novel Substituted benzimidazole dosage forms and method of using same.	A61K
37	2097/DELNP/2004 Dt : 20/07/2004	PCT/JP02/07650 Dt : 26/07/2002	2002-8255 dt. 17/1/2002 Japan.	Japan	Yanmar Agricultural Equipment Co. Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-8321, Japan	Working Truck.	f164h47/2004
38	2098/DELNP/2004 Dt : 21/07/2004	PCT/US02/00503 Dt : 16/01/2002		United States of America	Cornerstone Group Ltd., P.O. Box 1892, Laguna Beach, CA 92652, US	Optimized data transmission system and method.	H04L
39	2099/DELNP/2004 Dt : 21/07/2004	PCT/GB02/05886 Dt : 23/12/2002	0130834.5 dt. 22/12/2001 GB	Great Britain	Design Blue Ltd., OXO Tower Wharf, Bargehouse Street, Lodnon SE1 9PH, GB.	Energy absorbing material.	A41D13/00
40	2100/DELNP/2004 Dt : 21/07/2004	PCT/US03/05925 Dt : 27/02/2003	60/360,342 dt. 28/2/2002 US	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, USA	Detergent compositions including dispersible polyolefin wax and method for using same.	C11D3/37
41	2101/DELNP/2004 Dt : 21/07/2004	PCT/GB03/00489 Dt : 04/02/2003	02290253.0 dt. 4/2/2002 EP	Great Britain	Imagine Broadband Limited, Carmelite, 50 Victoria Embankment, Blackfriars, London EC4Y 0DX, GB	Media transmission system and method.	H04L29/06
42	2102/DELNP/2004 Dt : 21/07/2004	PCT/JP03/00871 Dt : 30/01/2003	2002-26012 dt. 1/2/2002 Japan.	Japan	Dainippon Pharmaceutical Co. Ltd., 6-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan.	2-Furancarboxylic acid hydrazide compounds and pharmaceutical compositions containing the same.	c07d307/68
43	2103/DELNP/2004 Dt : 21/07/2004	PCT/EP02/01973 Dt : 25/02/2002		Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-16483 Stockholm, Sweden.	Dynamic frequency spectrum re-allocation.	h04q7/36
44	2104/DELNP/2004 Dt : 21/07/2004	PCT/US03/004391 Dt : 13/02/2003	60/355,808 & 10/365,824 dt. 13/2/2002 & 13/2/2003 USA	United States of America	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052, USA	Connecting entities with general functionality in aspect patterns.	G06F 9/44
45	2105/DELNP/2004 Dt : 21/07/2004	PCT/US03/02548 Dt : 29/01/2003	10/060,136 dt. 30/1/2002 USA	United States of America	Ericsson Inc., 6300 Legacy Plano, Texas 75024, USA	Method and apparatus for obtaining information about one or more paths terminating at a subject node for a group of packets.	H04L 12/56

46	2106/DELNP/2004 Dt : 21/07/2004	PCT/EP03/01545 Dt : 13/02/2003	0203438.7, 0203437.9, 0204784.3, 0204758.7, 0212548.2, 02191711.9 & 0224466.3 dt. 13/2/2002, 28/2/2002, 30/5/2002, 23/8/2002, 21/10/2002 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, UK	Benzenesulfonamide derivatives as antipsychotic agents.	
47	2107/DELNP/2004 Dt : 21/07/2004	PCT/IB03/00212 Dt : 20/01/2003	60/354,041 dt. 1/2/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Dry granulated formulations of azithromycin.	A61K9/20
48	2108/DELNP/2004 Dt : 21/07/2004	PCT/JP03/01433 Dt : 12/02/2003	2002-034607, 2002-034611 & 2002-096980 dt. 12/2/2002 & 29/3/2002 Japan.	Japan	Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan	Shot material and blasting method.	b24c11/00
49	2109/DELNP/2004 Dt : 21/07/2004	PCT/EP03/00213 Dt : 11/01/2003	102 03 122 3 dt. 25/1/2002 Germany.	Germany	Grunenthal GMBH, Zieglerstrasse 6, D-52078, Aachen, Germany	Methods for producing substituted acrylic acid esters and use of the latter for producing substituted SG(G)-Amino acids.	
50	2110/DELNP/2004 Dt : 21/07/2004	PCT/FR03/00256 Dt : 28/01/2003	02/01236 dt. 1/2/2002 France.	France	Stago Instruments, 125 Avenue Louis Roche, F-92230 Gennevilliers, France.	Drive arrangement for a strip of cuvettes in an analytical device.	G01N 35/04
51	2111/DELNP/2004 Dt : 21/07/2004	PCT/US03/01376 Dt : 16/01/2003	10/057,028 dt. 23/1/2002 USA	United States of America	The Gates Corporation, 900 South Broadway, Denver, Colorado 80209, USA	Shaft Damper.	f16f7/108
52	2112/DELNP/2004 Dt : 21/07/2004	PCT/FR03/00253 Dt : 28/01/2003	02/01237 dt. 1/2/2002 France.	France	Stago Instruments, 125 Avenue Louis Roche, F-92230 Gennevilliers, France	Device for the automated analysis of a liquid sample.	g01m35/02
53	2113/DELNP/2004 Dt : 21/07/2004	PCT/CA02/01998 Dt : 23/12/2002	60/341,786 & 60/346,603 dt. 21/12/2001 & 10/1/2002 USA	Canada	Xiao-Yan Wen, 105 Drewry Avenue, Toronto, Ontario M2M 1E1, Canada and other	Lipase genes and proteins.	c12ng/00
54	2114/DELNP/2004 Dt : 21/07/2004	PCT/US03/00780 Dt : 10/01/2003	10/051,564 dt. 16/1/2002 USA		Saudi arabin Oil Company, R- 3296, Administration Building, Dahran 31311, Saudi Arabia,	Process for increasing hydrogen partial pressure in Hydroprocessing processes.	c01g47/00
55	2115/DELNP/2004 Dt : 21/07/2004	PCT/DE03/00097 Dt : 15/01/2003	10203209.2 dt. 28/1/2002 Germany.	Germany	Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333, Munich, Germany	Device for Inputting information.	g06k11/00

56	2116/DELNP/2004 Dt : 21/07/2004	PCT/US02/41563 Dt : 27/12/2002	10/032,657 dt. 28/12/2001 USA	United States of America	Bioarray Solutions, Ltd., 35 Technology Drive, Suite 100, Warren, NJ 07059, USA	Multianalyte molecular analysis using application-specific random particle arrays.	g01n
57	2117/DELNP/2004 Dt : 21/07/2004	PCT/EP03/00798 Dt : 27/01/2003	M/2002A000147 dt. 29/1/2002 Italy	Italy	Indena S.P.A. Viale Ortes, 12, I-20139, Milan, Italy	A process for the extraction, purification and enzymatic modification of SOY 75 globulin alpha submit for use as hypocholesterolemizing agent.	A23J3/16
58	2118/DELNP/2004 Dt : 21/07/2004	PCT/US02/41623 Dt : 27/12/2002	60/343,621 & 10/192,352 dt. 28/12/2001 & 9/7/2002 USA	United States of America	Bioarray Solutions, Ltd., 35 Technology Drive, Suite 100, Warren, NJ 07059, USA	Arrays of Microparticles and methods of preparation thereof.	G01N
59	2119/DELNP/2004 Dt : 21/07/2004	PCT/US02/40174 Dt : 17/12/2002	60/356,407, 60/356,236, 60/356,213, 60/356,406, 60/356,583, 60/356,247, 60/356,266 & 60/356,584 dt. 12/2/2002 USA	United States of America	Eveready Battery Company, Inc., 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145, USA	Flexible thin printed battery and device and method of manufacture same.	H01M2/16
60	2120/DELNP/2004 Dt : 22/07/2004	PCT/IB03/00516 Dt : 01/01/1900	60/357,414, 60/380,808 & 10/366,114 dt. 15/2/2002, 12/2/2003 USA	France	L Air Liquide, Societe Anonyme A directoire et Conseil De Surveillance Pour L Etude Et L exploitation des procedes georges claude, 75 Quai d Orsay, F-75321, Paris Cedex 07, France	Steam-generating combustion system and method for emission control using oxygen enhancement.	b01d53/32
61	2121/DELNP/2004 Dt : 22/07/2004	PCT/BR03/00022 Dt : 18/02/2003	PI 0200593-0 & PI 0205557-0 dt. 22/2/2002 & 20/12/2002 Brazil	Brazil	Multibras S.A. Electrodomesticos, Av. Das Nacoes Unidas, 12995-32 andar, 04578-000-Sao Paulo-SP, Brazil.	Air duct arrangement for a refrigerator	f25d17/06
62	2122/DELNP/2004 Dt : 22/07/2004	PCT/US03/03837 Dt : 06/02/2003	60/355,7058 dt. 7/2/2002 USA	United States of America	Pharmacia Corporation, 700 Chesterfield Parkway West, Chesterfield, Missouri 63017-17, USA	Pharmaceutical tablet.	A61K9/34
63	2123/DELNP/2004 Dt : 22/07/2004	PCT/GB03/00378 Dt : 28/01/2003	0202658 1 dt. 5/2/2002 UK	England	PIL Limited, Atley Way, Cramlington, Northumberland NE23 1WW, England.	Electromagnetic acoustic transducers.	g01n29/24

64	2124/DELNP/2004 Dt : 22/07/2004	PCT/IB03/00427 Dt : 07/02/2003	0265/02 dt. 15/2/2002 Switzerland.	Swaziland	Nagracard S.A., 22 Route de Geneve, CH-1033, Cheseaux- sur-Lausanne, Switzerland.	Method for controlling the billing of a broadcast service by units of time.	h04n7/167
65	2125/DELNP/2004 Dt : 22/07/2004	PCT/SE03/00308 Dt : 24/02/2003	0200561 9 dt. 25/2/2002 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Blister pack device.	b65d83/04
66	2126/DELNP/2004 Dt : 22/07/2004	PCT/US03/03800 Dt : 07/02/2003	10/072.419 dt. 7/2/2002 USA	England	BTG International Limited, 10 Fleet Place, Limeburner Lane, London EC4M 7SB, England.	Compositions and methods for promoting lipid mobilization, glycogen mobilization, or both, in humans.	A61K38/03
67	2127/DELNP/2004 Dt : 22/07/2004	PCT/US03/02786 Dt : 29/01/2003	10/062.243 dt. 1/2/2002 USA	United States of America	Ameron International Corporation, 245 South Los Robles Avenue, Pasadena, California 91101-2894, USA	Elastomer-modified epoxy siloxane compositions.	c08L8j/10
68	2128/DELNP/2004 Dt : 22/07/2004	PCT/US03/001722 Dt : 21/01/2003	60/350,855 dt. 23/1/2002 USA	United States of America	Intelitech Corporation, of 70 main street, durham, NH 03824, USA	Management system, method and apparatus for licensed delivery and accounting of electronic circuits.	G06F17/60
69	2129/DELNP/2004 Dt : 22/07/2004	PCT/IN03/00011 Dt : 21/01/2003	10/051,383 dt. 10/12/2001 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Transgenic tea through bidistic using leaf explants.	c12n15/82
70	2130/DELNP/2004 Dt : 22/07/2004	PCT/IB02/05610 Dt : 23/12/2002	10/355,124 dt. 31/12/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Process for preparing 2,4,4,6-Tetrabromo-2,5- cyclohexadienone.	C07K
71	2131/DELNP/2004 Dt : 22/07/2004	PCT/IB02/05558 Dt : 20/12/2002		India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	The Development of health protective herbal soft drink.	G06K13/00
72	2132/DELNP/2004 Dt : 22/07/2004	PCT/IB02/01073 Dt : 25/03/2002	10/106,706 dt. 25/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	A system for classifying seafloor roughness.	G01V1/38
73	2133/DELNP/2004 Dt : 22/07/2004	IB02/05612 Dt : 23/12/2002		India	Council of Scientific & Industrial Research, Rafi Marg, N. Delhi.	Process for the prepration of diphenic acid.	c07c

74	2134/DELNP/2004 DI : 22/07/2004	PCT/RU02/05418 DI : 16/12/2002	107334, 673 dt. 31/12/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Process for making biopreform from Monocotyledonous caudex plant stem, biopreform obtained thereby and use thereof.	C07K
75	2135/DELNP/2004 DI : 22/07/2004	PCT/RU02/00091 DI : 28/03/2002	107381, 027 dt. 31/3/2003 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	New 4Beta-172-(Substituted Benzoyl) Anilino) Podophyllotoxin analogues useful as anti-cancer agents.	A61K
76	2136/DELNP/2004 DI : 22/07/2004	PCT/RU02/00194 DI : 06/09/2002	107234, 322 dt. 5/9/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	A novel multiple fluorescent natural dye compound from a marine organism.	c09b61/00
77	2137/DELNP/2004 DI : 22/07/2004	PCT/RU01/01643 DI : 10/09/2001	WTO 09/664, 827 dt. 19/9/2000 USA	Barbados	Ingeneus Corporation, Chancery House, High Street, Bridgetown, Barbados.	A Multiplex structure.	c12ng01n
78	2138/DELNP/2004 DI : 23/07/2004	PCT/RU03/00315 DI : 30/01/2003	P20, 2003/008 dt. 31/11/2002 ES	Spain	Fundacio Privada l Institut de Recerca De L'Hospital De La Santa Creu I sant PAU, C. de Sant Antoni Maria Claret, 167, E. 08025, Barcelona, ES	Process for detecting predisposition to a cardiovascular disease.	
79	2139/DELNP/2004 DI : 23/07/2004	PCT/CN03/00093 DI : 28/01/2003	02100446 3 dt. 30/1/2002 China	China	Huawei Technologies Co., Ltd., Huawei Service Center Building, Kefa Road, Science-based Industrial Park, Nanshan District, Shenzhen, 518057, Guangdong, P.R.China	Optical Transmission module with digital adjustment and the adjusting method.	
80	2140/DELNP/2004 DI : 23/07/2004	PCT/RU02/00043 DI : 12/02/2002			Gamonov Alexandr Vasilievich, 394062, Voronezh, ul. L.Shevstovoi, d 5/1, kv 6, Russia	Method of radio interface organization and base station in cellular communication system.	
81	2141/DELNP/2004 DI : 23/07/2004	PCT/US03/005495 DI : 21/01/2003	607358, 921 dt. 22/2/2002 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, USA	Absorbent article including undergarment fastener adhesive having improved adhesive pattern	



82	2142/DELNP/2004 Dt: 23/07/2004	PCT/BR03/01120 Dt: 20/01/2003	50/353 986 dt. 12/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Method for making homogeneous spray-dried solid amorphous drug dispersions using pressure nozzles.
83	2143/DELNP/2004 Dt: 23/07/2004	PCT/GB03/00637 Dt: 13/02/2003	0204140 8 dt. 22/2/2002 GB	United Kingdom	BP Chemicals Limited, Chertsey Road, Sunbury on Thames, Middlesex TW16 7BP, UK.	Production of olefins.
84	2144/DELNP/2004 Dt: 23/07/2004	PCT/BE03/00049 Dt: 20/03/2003	02447039 5 & 02447166 6 dt. 20/3/2002 & 4/9/2002 Europe.	Belgium	Facultes Universitaires Notre-Dame De La Paix, Rue de Bruxelles 61, B-5000 Namur, Belgium.	Nanocomposites: products, process for obtaining them and uses thereof
85	2145/DELNP/2004 Dt: 23/07/2004	PCT/SE02/0034000156 Dt: 29/01/2003	0200312 7 dt. 1/2/2002 Sweden	Sweden	AstraZeneca AB, S-151 85 Sodertalje Sweden.	Composition for inhalation
86	2146/DELNP/2004 Dt: 23/07/2004	PCT/NO03/00049 Dt: 07/02/2003	20020744 dt. 14/2/2002 Norway.	Norway	Norsk Hydro ASA, N-0240 Oslo, Norway.	A method and equipment for compacting materials.
87	2147/DELNP/2004 Dt: 23/07/2004	PCT/US03/01010 Dt: 13/01/2003	10082,765 dt. 25/2/2002 USA	United States of America	Motorola Inc., 1303, East Algonquin Road, Schaumburg, Illinois 60196, USA	Method and apparatus for data transmission using variable packet lengths.
88	2148/DELNP/2004 Dt: 23/07/2004	PCT/GB03/00686 Dt: 12/02/2003	0205016 9 dt. 4/3/2002 GB	United Kingdom	BP Chemicals Limited, Chertsey Road, Sunbury on Thames, Middlesex TW16 7BP, UK.	Alkene Separation Process.
89	2149/DELNP/2004 Dt: 23/07/2004	PCT/BR03/00498 Dt: 06/02/2003	0203058 3 dt. 9/2/2002 GB	United Kingdom	BP Chemicals Limited, of Chertsey Road, Sunbury on Thames, Middlesex TW 16 7BP, UK.	Production of olefins.
90	2150/DELNP/2004 Dt: 23/07/2004	PCT/US03/04634 Dt: 14/02/2003	60/357,029 & 60/436,915 dt. 14/2/2002 & 30/12/2002 US	United States of America	Pharmacia Corporation, 800, Lindbergh Blvd., St. Louis, Missouri 63167, USA	Substituted pyridones as modulators of P38 map kinase.
91	2151/DELNP/2004 Dt: 26/07/2004	PCT/BR03/000994 Dt: 17/03/2003	60/358,810 dt. 30/3/2002 USA	United States of America	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA	Disruption of the redt gene.
92	2152/DELNP/2004	PCT/EP03/00759	102 04 524 0 dt. 5/2/2002 Germany	Germany	Bayer Materialscience AG, D-51368, Leverkusen, Germany	Compositions containing Polycarbonates.

c08 125/101

93	DI : 26/07/2004 2153/DELNP/2004	DI : 24/01/2003 PCT/DK03/00056	60/352,717 dt. 29/1/2002 USA	United States of America	Wyeth, Five Giraldi Farms, Madison, New Jersey 07940, USA	Compositions and methods for modulating connexin hemichannels.	A61K38/08
94	DI : 26/07/2004 2154/DELNP/2004	DI : 29/01/2003 PCT/US03/07793	60/366,784, 60/411,874 & 60/425,596 dt. 22/3/2002, 19/9/2002 & 12/11/2002 USA	United States of America	Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, Michigan 49001, USA	Process to prepare eplerenone.	C07J 1/00
95	DI : 26/07/2004 2155/DELNP/2004	DI : 21/03/2003 PCT/ZA03/00005	2002/0291 & 2002/2582 dt. 14/1/2002 & 3/4/2002 ZA	South Africa	De Bruyn, Henri, Arnold, 31 Jack Bennett Street, Sterrewag, 0181, Pretoria, South Africa.	Binder composition and method for treating particulate material.	C09K 17/28
96	DI : 26/07/2004 2156/DELNP/2004	DI : 14/01/2003 PCT/KR03/00153	2002/05256, 2002/11225 & 2002/26604 dt. 29/1/2002, 2/3/2002 & 14/5/2002 KR	Korea	Kim, Si Han 338-1, Daessangyong-Ri, Cowool-Myun, Kwangju-Kun, Kyunggi-Do, 464-862, Korea.	Portable multi-display device.	g06H1/16
97	DI : 26/07/2004 2157/DELNP/2004	PCT/FI2002/01055	20012593 dt. 28/12/2001 Finland.	Finland	Lahteenmaki, Pertti, Parkkikuja 7, FI-00850, Helsinki, Finland.	Method and arrangement for arranging an information service to determine nutrition and/or medication.	G06F 19/00
98	DI : 26/07/2004 2158/DELNP/2004	DI : 23/12/2002 PCT/KR03/00167	20-2002-2615 dt. 28/1/2002 Korea.	Korea	Park, Hyo-Moon, 243-1, Sangdaedong, Jinjoo 660-320, Korea.	Wholesome toothbrush with spreading brush part for sanitary purpose.	A46B9/08
99	DI : 26/07/2004 2159/DELNP/2004	DI : 25/01/2003 PCT/US03/03989	10/072,315 dt. 8/2/2002 USA	United States of America	The Toro Company, 8111 Lyndale Avenue, South, Bloomington, MN-55420-1196, USA	Pressure compensating drip irrigation hose.	B051/30
100	DI : 26/07/2004 2160/DELNP/2004	DI : 07/02/2003 PCT/US02/07842		United States of America	Hormel Foods Corporation, One Hormel Place, Austin, MH 55912, USA	Gelatin coated sand core and method of making same.	B22C 9/12
101	DI : 26/07/2004 2161/DELNP/2004	DI : 13/03/2002 PCT/UA2003/000015	2002086722 dt. 14/8/2002 Ukraine.	Ukraine	LTD Company "Proton-21", 48 A, Chernovola St., Vishnevoye, Kiev-Syvatoshinsky, Kievskaya OBL, 08132, Ukraine.	Method and device for compressing a substance by impact and plasma cathode thereto.	H05H 15/00
102	DI : 26/07/2004 2162/DELNP/2004	DI : 19/05/2003 PCT/FR02/00286	02/01393 dt. 6/2/2002 France.	France	Atofina, 4/8, Cours Michelet, F-92800 Puteaux, France.	Coated liquid phase reactor.	B01J 14/00
	DI : 26/07/2004	DI : 30/01/2003					

103	2163/DELNP/2004 Dt : 26/07/2004	PCT/US03/01775 Dt : 20/01/2003	10/056, 190 & 10/056, 200 dt. 25/1/2002 USA	United States of America	Econova Inc., 453 North Main Street, Kaysville, Utah 84037, USA	Method for centrifugally separating mixed components of a fluid stream.	B04B 1/04
104	2164/DELNP/2004 Dt : 26/07/2004	PCT/EP03/01748 Dt : 19/01/2003	60/358, 179 dt. 20/2/2002 USA	Netherlands	Shell Internationale Research Maatschappij B.V., Carel van Bylandtlaan 30, NL-2596, HR the Hague, The Netherlands	A process for making stable polytrimethylene terephthalate packages.	D01F6/62
105	2165/DELNP/2004 Dt : 27/07/2004	PCT/ZA02/00208 Dt : 17/12/2002	2001/5457, 2001/5459, 2001/5460 & 2001/5464 dt. 3/1/2002 South Africa.	Bahamas	Nxco International Limited, Saffrey Square, Suite 205, Bank Lane, Nassau, Bahamas.	Method and apparatus for breaking rock	F42B3/087
106	2166/DELNP/2004 Dt : 27/07/2004	PCT/ZA02/00209 Dt : 17/12/2002	2001/5469 & 2001/5470 dt. 3/1/2002 South Africa.	Bahamas	Nxco International Limited, Saffrey Square, Suite 205, Bank Lane, Nassau, Bahamas.	Activated stemming device.	C06B31/22
107	2167/DELNP/2004 Dt : 27/07/2004	PCT/ZA02/00210 Dt : 17/12/2002	2001/5468 dt. 3/1/2002 South Africa.	Bahamas	Nxco International Limited, Saffrey Square, Suite 205, Bank Lane, Nassau, Bahamas.	Explosive for rock breaking.	C06B45/28
108	2168/DELNP/2004 Dt : 27/07/2004	PCT/ZA02/00211 Dt : 17/12/2002	2001/5458, 2001/5461, 201/5462, 2001/5463, 2001/5465, 2001/5467 dt. 3/1/2002 South Africa.	Bahamas	Nxco International Limited, Saffrey Square, Suite 205, Bank Lane, Nassau, Bahamas.	Explosive pressure wave concentrator.	F42D3/04
109	2169/DELNP/2004 Dt : 27/07/2004	PCT/ZA02/00212 Dt : 17/12/2002	2001/5466 dt. 3/1/2002 South Africa.	Bahamas	Nxco International Limited, Saffrey Square, Suite 205, Bank Lane, Nassau, Bahamas.	Element for initiating propellant.	E21C37/14
110	2170/DELNP/2004 Dt : 27/07/2004	PCT/CA03/00199 Dt : 10/02/2003	10/080, 993 dt. 20/2/2002 USA	Canada	O'Max Solutions Inc., #1700, 407-2nd Street, S.W. Calgary, Alberta T2P 2Y3, Canada.	Thermal process for treating hydrocarbon-contaminated drill cuttings.	B09B3/00
111	2171/DELNP/2004 Dt : 27/07/2004	Dt : 01/01/1900	60/351, 969 & 10/350, 880 dt. 25/1/2002 & 24/1/2003 US	United States of America	Laird W. Laurence, 2257 Highway 16 South, Fredericksburg, TX 78624, USA and other	Means and apparatus for rapid, accurate, non-contact measurement of the core temperature of animals and humans.	B01J 29/00
112	2172/DELNP/2004 Dt : 27/07/2004	PCT/US03/04153 Dt : 10/02/2003	60/360, 963, 60/366, 012, 60/374, 697 & 10/215, 511 dt. 28/2/2002, 20/3/2002, 22/4/2002 & 9/8/2002 USA	United States of America	Exxonmobil Chemical Patents Inc., 5200 Bayway Drive, Baytown, Texas 77520-5200, USA	Molecular sieve compositions, catalyst thereof, their making and use in conversion processes.	B01J 29/00

113	2173/DELNP/2004 Dt : 27/07/2004	PCT/JP03/02105 Dt : 26/02/2003	05/179/2002 dt. 27/2/2002 Japan.	Japan	Daicel Chemical Industries, Ltd., 1, Teppo-cho, Sakai-shi, Osaka 590-8501, Japan.	Feed controlling method of gaseous reactant and control apparatus.	B01J 3/02
114	2174/DELNP/2004 Dt : 27/07/2004	PCT/EP03/02924 Dt : 20/03/2003	495/02 dt. 21/3/2002 Switzerland.	Swaziland	Syngenta Participations AG, Schwarzwaldallee 215, CH-4058, Basel, Switzerland.	Herbicidal composition.	A01N 47/36
115	2175/DELNP/2004 Dt : 27/07/2004	PCT/GB2003/00331 Dt : 28/01/2003	0201969 3 dt. 29/1/2002 GB	Great Britain	Qinetiq Limited, 85 Buckingham Gate, London SW1E 6PD, GB.	Optical circuit fabrication method and device.	G02B 6/10
116	2176/DELNP/2004 Dt : 27/07/2004	PCT/JP03/04499 Dt : 09/04/2003	2002-110542 & 2002-307820 dt 12/4/2002 & 23/10/2002 Japan.	Japan	Daicel Chemical Industries, Ltd., 1, Teppo-cho, Sakai-shi, Osaka 590-8501, Japan	Filler for separation of enantiomeric isomers in simulated moving bed chromatography.	G01N30/48
117	2177/DELNP/2004 Dt : 27/07/2004	PCT/US2003/002630 Dt : 29/01/2003	10/058,390 dt. 30/1/2002 USA	United States of America	Praxair Technology Inc., 39 Old Ridgebury Road, Danbury, Connecticut 06810-5113, USA	Control for pipeline gas distribution system.	G05B13/02
118	2178/DELNP/2004 Dt : 27/07/2004	PCT/IB03/00436 Dt : 07/02/2003	0233/02 & 0698/02 dt. 12/2/2002 & 24/4/2002 Switzerland.	Swaziland	Nagracard S.A., 22 Route de Geneve, CH-1033, Cheseaux- sur-Lausanne, Switzerland.	Method for storage and transport of an electronic certificate.	G06F 1/00
119	2179/DELNP/2004 Dt : 27/07/2004	PCT/AU2003/00071 Dt : 23/01/2003	60/351,440 dt. 24/1/2002 USA	United States of America	Smart Drug Systems Inc., 181 South Broad Street, Suite 102, Pawcatuck, Connecticut 06379, USA	Sustained release pharmaceutical composition.	A61K
120	2180/DELNP/2004 Dt : 27/07/2004	PCT/GB03/00599 Dt : 10/02/2003	0203881 8 dt. 19/2/2002 GB	Netherlands	Imperial Chemical Industries PLC, 20 Manchester Square, London W1U 3AN, UK and Unichema Chemie BV, Buurtje 1, 2802 AA Gouda, The Netherlands.	Polyurethane Foam.	C018 G 18/81
121	2181/DELNP/2004 Dt : 27/07/2004	PCT/KR04/1551 Dt : 25/05/2004	P 10-2003-58543 dt. 14/8/2003 Korea.	Korea	L G Electronics Inc., 20, Yoido- Dong, Youngdungpo-gu, Seoul 150-721, Korea.	Information recording medium, method of configuring version information thereof, recording and reproducing method using the same and apparatus thereof.	

122	2182/DELNP/2004 Dt : 27/07/2004	PCT/IB02/00980 Dt : 28/03/2002	10/109,543 dt. 28/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N Delhi.	A process for the in vitro culture of amoebocytes from tachpleus gigas in leibovitz culture medium.	
123	2183/DELNP/2004 Dt : 27/07/2004	PCT/IB02/01151 Dt : 26/03/2002	10/101501 dt. 19/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N Delhi.	Therapeutic edible composition for treating hyperglycemia.	A51K
124	2184/DELNP/2004 Dt : 27/07/2004	PCT/IB02/05609 Dt : 23/12/2002		India	Council of Scientific & Industrial Research, Rafi Marg, N Delhi.	Device for estimation of brine density.	
125	2185/DELNP/2004 Dt : 27/07/2004	PCT/IB02/05561 Dt : 20/12/2002	10/383,070 dt. 7/3/2003 US	India	Council of Scientific & Industrial Research, Rafi Marg, N Delhi.	Herbal Composition for cuts, burns and wounds.	
126	2186/DELNP/2004 Dt : 27/07/2004	PCT/IB02/05534 Dt : 16/12/2002	10/334,674 dt. 31/12/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N Delhi.	A process of making silicon-silicon carbide ceramic using biopreform, silicon-carbide ceramic obtained thereby	C08L101/00
127	2187/DELNP/2004 Dt : 27/07/2004	PCT/JP03/05673 Dt : 07/05/2003	2002-136457 dt. 13/5/2002 Japan.	Japan	Sumitomo Metal Mining Co. Ltd., 1103, Shimbashi 5-chome, Minato-ku, Tokyo 105-8716, Japan.	Heat ray shielding sheet material and liquid additive for use in producing the same.	
128	2188/DELNP/2004 Dt : 27/07/2004	PCT/AU03/00179 Dt : 12/02/2003	PS0466 dt. 12/2/2002 Australia.	United States of America	U.S. Filter Wastewater Group, Inc., 181 Thorn Hill Road, Warrendale, Pennsylvania 15086, USA	Halar Membranes.	B61D71/32
129	2189/DELNP/2004 Dt : 27/07/2004	PCT/KR03/00380 Dt : 26/02/2003	10-2002-0010301 dt. 26/2/2002 Korea.	Korea	SK Chemicals Co. Ltd., 600 Jungja 1-dong, Changan-ku, Suwon-si, Kyungki-do, 440-745, Korea.	Method for preparing P-Aminobenzoic acid.	C07C209/56
130	2190/DELNP/2004 Dt : 28/07/2004	PCT/US03/02492 Dt : 29/01/2003	60/356,283 dt. 12/2/2002 US	United States of America	Spear U.S.A. L.L.C., 5510, Courseview Drive, Mason, Ohio 45040, USA	Adhesive coated thin film label.	G09F3/02
131	2191/DELNP/2004 Dt : 28/07/2004	PCT/US03/001759 Dt : 20/01/2003	10/072,431 dt. 8/2/2002 US	United States of America	Elak Corporation, 4040 West Royal Lane, Suite 100, Irving, Texas 75063, USA	System and method for processing work items according to an active work model.	G06F 9/40

132	2192XDELNP/2004 DI : 28/07/2004	PCT/EP03/01357 DI : 12/02/2003	102 06 505 5 dt. 16/2/2002 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	New Medicinal compositions on the basis of anticholinergic agents and EGFR kinase inhibitors.	A61K45/06
133	2193XDELNP/2004 DI : 28/07/2004	PCT/SE03/00097 DI : 22/01/2003	0200631-0 dt. 4/3/2002 Sweden.	Sweden	ABA of Sweden AB, P.O. Box 100, SE-334 00 Anderstorp, Sweden.	Coupling device constitute two halves.	F16L23/04
134	2194XDELNP/2004 DI : 28/07/2004	PCT/US03/03475 DI : 05/02/2003	10072,550 dt. 7/2/2002 US	United States of America	Nordson Corporation, 26501, Clemens Road, Westlake, Ohio 44145, USA	Forming system for the manufacture of thermoplastic nonwoven webs and laminates.	d01d5/00
135	2195XDELNP/2004 DI : 28/07/2004	PCT/US03/02861 DI : 31/01/2003	60/353,693 dt. 31/1/2002 US	United States of America	Steppan Company, 22 West Faroutage Road, Northfield, Illinois 60093, USA	Soap bar compositions comprising alpha sulfonated fatty acid alkyl esters and polyhydric alcohols and process for producing same.	A61K7/50
136	2196XDELNP/2004 DI : 28/07/2004	PCT/US03/03639 DI : 05/02/2003	10/093,708 dt. 8/3/2002 US	United States of America	Catalytic Distillation Technologies, 10100 Bay Area Boulevard, Pasadena, TX 77507, USA	Process for vinyl acetate.	c07c67/055
137	2197XDELNP/2004 DI : 28/07/2004	PCT/CA03/00091 DI : 24/01/2003	2,369,970 dt. 1/2/2002 Canada	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	Hepatitis C Inhibitor Tri- peptides	C07D417/14
138	2198XDELNP/2004 DI : 28/07/2004	PCT/GB03/00217 DI : 10/01/199	0203528 5 & 0203526 9 dt. 14/2/2002 England	England	Gleno Group Limited, Gleno Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, England	Pharmaceutical composition comprising ----- -----comprising dry granulation.	A61K9/16
139	2199XDELNP/2004 DI : 28/07/2004	PCT/SE03/01052 DI : 12/03/2003	0200787-1 dt. 14/3/2002 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden.	Method of analysing a pharmaceutical sample.	G01N 21/35
140	2200XDELNP/2004 DI : 28/07/2004	PCT/CA03/00090 DI : 24/01/2003	2,370,396 dt. 1/2/2002 Canada.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	Hepatitis C Inhibitor Tri- Peptides.	C07K 5/08
141	2201XDELNP/2004 DI : 28/07/2004	PCT/IL 02/01049 DI : 29/12/2002	60/344, 652, 60/353,781, 60/356 554, 60/358,231, 60/358,202, 60/359,555 dt. 28/12/2001, 29/12/2002.	Israel	Mayor, Yaron, 21 Ahad Haam Street, Jerusalem 92151, Israel and Baur, AJ J.C., of Kibbutz Ramat Hashofet 19238, Israel.	System and method for improving the efficiency of routers on the internet and/or cellular networks	H04B10/20

142	2202/DELNP/2004 DI : 29/07/2004	PCT/IB03/00915 DI : 05/02/2003	10/2/2002, 14/2/2002, 18/2/2002, 19/2/2002 US 60/354,795, 60/354,637, 60/354,912, 60/354,743, 60/360,638 dt. 6/2/2002 US	Canada	Angstrom Power, Inc., 106 980 W 1st Street, Vancouver, BC V7P3A4 CA	and/or other networks and alleviating bottlenecks and overloads on the network.	H01M 8/04
143	2203/DELNP/2004 DI : 29/07/2004	PCT/US03/03850 DI : 07/02/2003	10/085,775 dt. 1/3/2002 US	United States of America	Economobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, New Jersey 08801- 0900, USA	Apparatus of high power density fuel cell layer with micro structured components. Low Emissions fuel emulsion.	C01L 1/32
144	2204/DELNP/2004 DI : 29/07/2004	PCT/IB03/00635 DI : 14/02/2003	60/357,379 & 15/2/2002 dt. 10/352,171 & 28/1/2003 US	France	L Air Liquide, Societe Anonyme A directoire et Conseil De Surveillance Pour L Etude Et L exploitation des procedes georges claudes, 75 Quai d Orsay, F-75321, Paris Cedex 07, France	Optimized power generation system comprising an oxygen-fired combustor integrated with an air separation unit.	F01K 21/04
145	2205/DELNP/2004 DI : 29/07/2004	PCT/US03/06557 DI : 04/03/2003	60/362,100 & 10/367,294 dt. 5/3/2002 & 14/2/2003 US	United States of America	Economobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, New Jersey 08801- 0900, USA	Catalytic cracking process.	C01G 11/02
146	2206/DELNP/2004 DI : 29/07/2004	PCT/US03/07355 DI : 11/03/2003	10/095,951 dt. 11/3/2002 US	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898 USA	Preparation and use of crosslinkable acrylosilane polymers containing vinyl silane monomers.	C08I 23/008
147	2207/DELNP/2004 DI : 29/07/2004	PCT/US2003/02426 DI : 27/01/2003	60/352,105 dt. 25/1/2002 US	United States of America	Erico International Corporation, 30575, Bainbridge Road, Suite 300 Solon, Ohio 44139, USA	Welding apparatus and method.	B23K 23/00
148	2208/DELNP/2004 DI : 29/07/2004	PCT/CN03/00098 DI : 24/01/2003	02114828.7, 02250109.6 & 02250110.X dt. 1/2/2002, 9/12/2002 China.	Taiwan	Li, Yuanhe, Suite 3, 7/F, No. 8, 390 Lane, First Section, Health Road, Tainan City, Taiwan.	An erection unit for a building floor slab and the erection method thereof.	E04B 5/32
149	2209/DELNP/2004 DI : 29/07/2004	PCT/DE03/00136 DI : 20/01/2003	102 07 073.3 dt. 20/2/2002 Germany.	Switzerland	KBA-Giori S.A., 4, rue de la Paix, 1003 Lausanne, Switzerland.	Device for conveying sheets that comprises a sheet directing element.	B41F 33/00
150	2210/DELNP/2004	PCT/JP03/00445	2002-013493, 2002-056479 & 2002-320444 dt. 22/1/2002,	Japan	Matsushita Electric Industrial Co., Ltd., of 1006 Oaza Kadoma,	Information recording medium recording	G11B 7/00

				1/3/2002 & 1/11/2002 Japan		Kadoma-shi, Osaka 571-8501, Japan	apparatus, reproduction apparatus, recording method, and reproduction method.
151	2211/DELNP/2004	Dt : 29/07/2004	PCT/JP03/000022	2002-013492 dt. 22/1/2002 Japan.	Japan	Matsushita Electric Industrial Co., Ltd., of 1006 Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan	Multi-layered information recording medium, recording apparatus, and recording method.
152	2212/DELNP/2004	Dt : 29/07/2004	PCT/GB03/00332	0202346.3 dt. 1/2/2002 UK	England	Torotrak (Development) Ltd., 1 Aston Way, Leyland, Lancashire PR5 3UX, England	Continuously variable transmission system.
153	2213/DELNP/2004	Dt : 30/07/2004	PCT/IB03/00708	60/362,402 dt. 7/3/2002 US	United States of America	Warner-Amber Company LLC, 201 Tabor Road, Morris Plains, New Jersey 07950, USA	Thiazole and oxazole derivatives which modulate ppar activity.
154	2214/DELNP/2004	Dt : 30/07/2004	PCT/US03/03791	10/071,423 dt. 8/2/2002 US	Israel	Pharmaceutical Industries, Ltd., 5 Basel Street, P O Box 3190, Petah Tiqva 49131, Israel	A Stable pharmaceutical formulation comprising torsemide modification II.
155	2215/DELNP/2004	Dt : 30/07/2004	PCT/GB03/00683	0204484.0 & 0223359.1 dt. 26/2/2002 & 8/10/2002 GB	United Kingdom	Limited, European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2, 7YH, UK	A method of selectively producing male or female sterile plants.
156	2216/DELNP/2004	Dt : 30/07/2004	PCT/US03/08550	60/366,039 dt. 19/3/2002 US	United States of America	Stanadyne Corporation, 92 Deerfield Road, Windsor, Connecticut 06095, USA	System for calibrating an integrated injection nozzle and injection pump.
157	2217/DELNP/2004	Dt : 30/07/2004	PCT/EP03/012752	FR02 14781 adt. 22/1/2002 France.	Germany	Robert Bosch GmbH, Wernerstrasse 1, D-70442 Stuttgart, Allemagne, Germany.	A drum brake and a shoe for such a brake.
158	2218/DELNP/2004	Dt : 30/07/2004	PCT/US03/02892	60/354,903 dt. 5/2/2002 US	United States of America	Vesuvius Crucible Company, 103 Fouk Road, Wilmington, DE 19803, USA	Ladle bottom.
159	2219/DELNP/2004	Dt : 30/07/2004	PCT/JP03/01308	2002-37966 & 202-236368 dt. 15/2/2002 & 14/8/2002 Japan	Japan	Mitsui Chemicals Inc., 5-2, Higashi-Shimbashi, 1-chome, Minato-ku, Tokyo 105-7117, Japan.	Optically active azole derivative and process for producing the same
160	2220/DELNP/2004	Dt : 30/07/2004	PCT/EP02/02751		Sweden	LM Ericsson (PUBL), S-16483 Stockholm, Sweden	Coding of data in a data package



161	DI : 30/07/2004 2221/DELNP/2004	DI : 11/03/2002 PCT/IB02/01122	10/103,738 dt. 25/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi	A composition for treating gastric ulcer and a process for preparing the same.	A61K 35/78
162	DI : 30/07/2004 2222/DELNP/2004	DI : 25/03/2002 PCT/IN03/00476		India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi	Method of inducing differentiation of dendritic cells.	C07C229/00
163	DI : 30/07/2004 2223/DELNP/2004	DI : 31/12/2003 PCT/IN03/00432	60/512,183 dt. 20/10/200 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi	Molecules for inducing differentiation of dendritic cells.	C07C 229/02
164	DI : 30/07/2004 2224/DELNP/2004	DI : 31/12/2003 PCT/US03/03449	60/354,309 dt. 7/2/2002 US	Japan	Tanabe Seiyaku Co. Ltd., 2-10 Dosho-Machi 3-chome, Chuo-ku, Osaka 541-8505, Japan.	Inhibitors of Alpha L Beta 2 integrin mediated cell adhesion.	C07D 487/04
165	DI : 30/07/2004 2225/DELNP/2004	DI : 07/02/2003 PCT/KR03/000107	2002-7031 & 2002-57320 dt. 7/2/2002 & 19/9/2002 Korea.	Korea	Samsung Electronics Co. Ltd., 416 Maetan-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, 442-742, Korea	Information storage medium containing display mode information, and reproducing apparatus and method thereof.	G11B20/10
166	DI : 30/07/2004 2226/DELNP/2004	DI : 17/01/2003 PCT/FR03/00294	D201241 dt. 1/2/2002 France.	France	LYMH Recherche, 185 Avenue de Verdun, 45800 Saint Jean De Braye, France and Commissariat Energie Atomique, 31-33 rue de la Federation, 75015, Paris, France.	Cosmetic or dermatological use of vitamin A or its esters in combination with a partially methylated beta-cyclodextrin.	A61K2/48
167	DI : 30/07/2004 2227/DELNP/2004	DI : 31/01/2003 PCT/CA03/00117	60/352,874 dt. 1/2/2002 US	Canada	CYMAT Corp. 6320-2, Danville Road, Mississauga, Ontario, L5T 2L7, Canada.	Metal foam casting apparatus and method.	C22C 1/08

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 56/KOL/2003 A

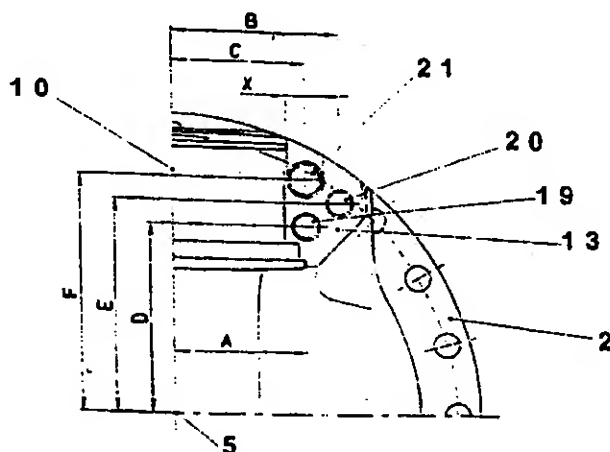
(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "JOINT YOKE AND UNIVERSAL JOINT COMPRISING THE SAME"

<p>(51) International classification : F16D 3/26  (30) Priority Data :  (31) Document No. 10216656.0  (32) Date : 15/04/2002  (33) Name of convention country : GERMANY  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SPICER GELENKWELLENBAU GMBH &amp; CO. KG., WESTENDHOF 5-9, D-45143 ESSEN, GERMANY.   (72) Name of the Inventors :  1. GILLE WILFRIED,  2. BISCHOFF WALTER.</p>
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(57) Abstract :

The invention relates to a joint yoke for a universal joint as well as to a universal joint having the same. In such a universal joint, the two joke arms in the joint yoke are separated into a base portion having integrally arm portions and bridge elements. For attaching the bridge elements headed screws are used, for which in the end faces of the arm portions threaded bores 19, 20, 21 are arranged. The threaded bore 21, which, when projected onto the bore axis 10 of the neighbouring support bore 9, has the largest distance F from the longitudinal axis 5, has a diameter remarkably increased compared to the other threaded bores 19, 20. Compared to embodiments, in which several headed screws and corresponding threaded bores are provided, which have the same diameter, an above proportional increase of the torque transmission can be achieved.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 57/KOL/2003 A

(22) Date of filing of : 04/02/2003  
application

(54) Title of the Invention : "INTERLACING AIR NOZZLE"

<p>(51) International classification : D02G 1/16  (30) Priority Data :  (31) Document No.  (32) Date :  (33) Name of convention country :  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : BELL NEW CERAMICS CO. LTD. OF NO. 60, YING TAUR ROAD, YING KO CHEN, TAIPEI HSIEN, TAIWAN, REPUBLIC OF CHINA.  (72) Name of the Inventors :  CHIANG CHUAN-CHIN</p>
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(57) Abstract : The invention provides an interlacing air nozzle for increasing the air tightness thereof, wherein the dual-leverage principle thereof enables front and rear top members to simultaneously up an down, and the front top member is also capable of pressing horizontally downward without abrading the structure as a whole. The main body of the invention includes a front top member, a rear top member, a connection piece, a base, a front base, a sliding member and an airtight washer member. The airtight washer member that is flexible using a spring is provided within the front top member, and the up-and-down movements thereof are employed for horizontally pressing the sliding member having an air inlet and a yarning groove above, thereby increasing the air tightness and practical values thereof.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 58/KOL/2003 A

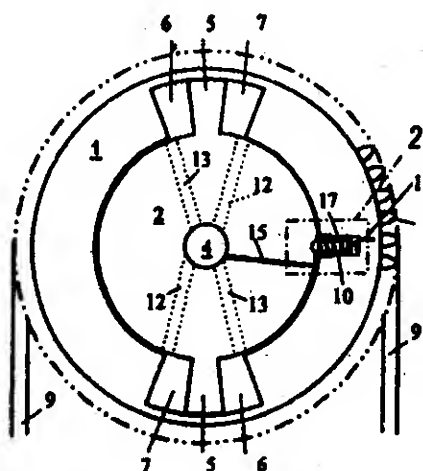
(22) Date of filing of : 04/02/2003  
application

(54) Title of the Invention : "VCT LOCK PIN HAVING A TORTUOUS PATH PROVIDING A HYDRAULIC DELAY"

<p>(51) International classification : F01L 1/34</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/374, 331</p> <p>(32) Date : 22/04/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : BORG WARNER, INC, AT BORG WARNER POWERTRAIN AVENUE, 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS, MI 48326-1782, U.S.A.</p> <p>(72) Name of the Inventors : LEWIS JEFFREY</p>
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(57) Abstract : A variable cam timing phaser having a tortuous path from the supply of pressurized oil to the tapered recess into which the locking pin fits, that introduces a delay between when the engine starts and when the locking pin moves to an unlocked position. The tortuous path restricts fluid flow, preventing the locking pin from unlocking during engine start-up with the initial oil pressurization, prior to the variable cam timing phaser having sufficient oil to operate. The delay ensures that the chambers of the variable cam timing phaser have time to fill with operating fluid before the phaser is unlocked.

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Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 59/KOL/2003 A

(22) Date of filing of : 04/02/2003  
application

(54) Title of the Invention : "AUGMENTATION -INDEX MEASURING APPARATUS"

(51) International classification : A61B 5/00

(30) Priority Data :

(31) Document No. 2002-115184

(32) Date : 17/04/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

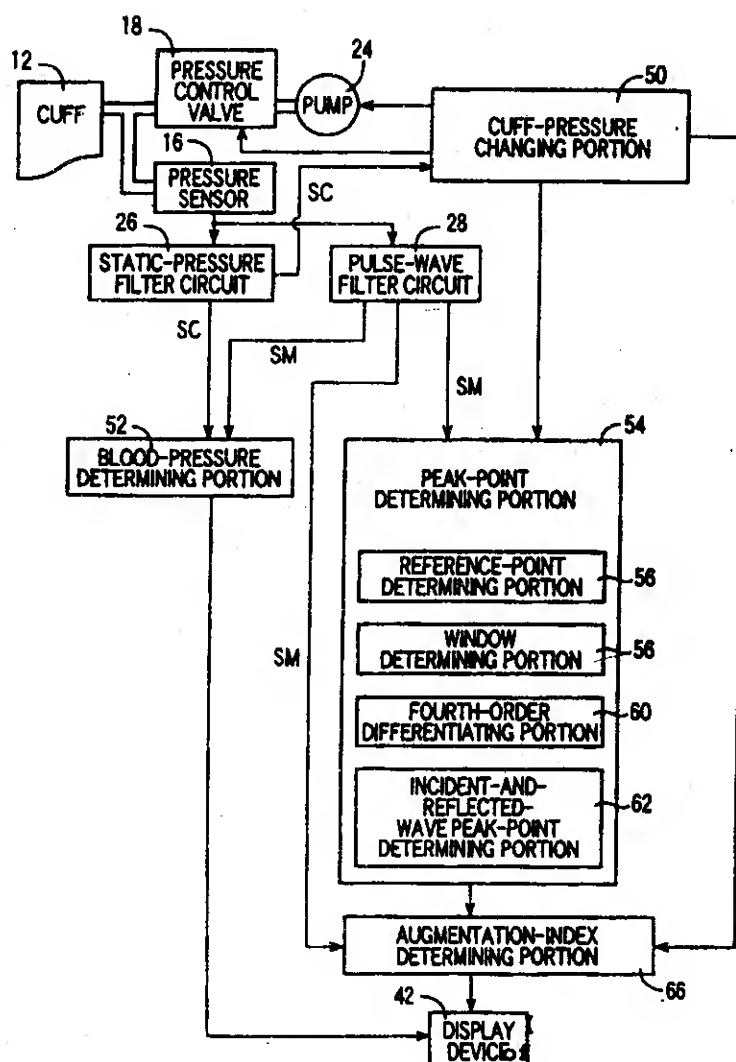
(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN.

(72) Name of the Inventors :

1. NARIMATSU KIOYUKI,

2. TAMPO AKIRA.

(57)Abstract:



An augmentation-index measuring apparatus (10) comprising a cuff (12) which is adapted to be worn on a portion (14) of a living subject to press the portion; a fourth-order-differentiating means (60) for subjecting a cuff pulse wave obtained from the cuff, to a fourth-order differentiation, and thereby obtaining a fourth-order-differentiated waveform; a peak-point determining means (62) for determining, based on the fourth-order-differentiated waveform obtained by the fourth-order-differentiating means, a peak point of an incident-wave component contained in the cuff pulse wave and a peak point of a reflected-wave component contained in the cuff pulse wave; and an augmentation-index determining means (66) for determining an augmentation index of the subject that indicates a proportion of one of a first magnitude of the cuff pulse wave at a time of occurrence of the peak point of the incident-wave component and a second magnitude of the cuff pulse wave at a time of occurrence of the peak point of the reflected-wave component, to the other of the first and second magnitudes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 60/KOL/2003 A

(22) Date of filing of : 04/02/2003  
application

(54) Title of the Invention : "VASCULAR ENDOTHELIAL CELL FUNCTION EVALUATING APPARATUS"

(51) International classification : A61B 5/02

(30) Priority Data :

(31) Document No. 2002-138099 & 2002-180369

(32) Date : 14/05/2002 & 20/06/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN.

(72) Name of the Inventors :

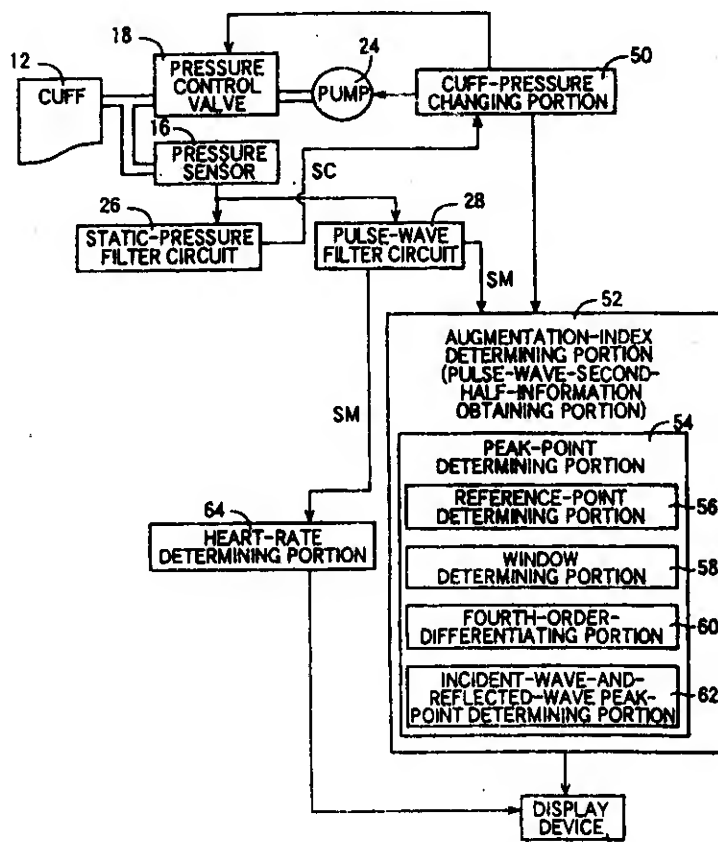
1. NARIMATSU KIIYOYUKI,

2. OGURA TOSHIHIKO,

3. TAMPO AKIRA.

(57) Abstract :

FIG. 2



A vascular-endothelial-cell-function evaluating apparatus (10) comprising a pressing device (12, 16, 18, 24, 26, 50; 66) including a cuff (12) that is adapted to be worn on a first portion (14) of a living subject, and a cuff-pressure changing device (16, 18, 24, 26, 50) that changes a pressure in the cuff so as to press the first portion of the subject in a pressing period; a pulse-wave detecting device (16, 28) that detects a pulse wave including a plurality of heartbeat-synchronous pulses, from the first portion of the subject, or a second portion of the subject located on a distal side of the first portion; and a pulse-wave-second-half-information obtaining device (42, 52; 70) that obtains a plurality of sets of pulse-wave-second-half information that represent respective characteristics of respective second-half portions of respective heartbeat-synchronous pulses of the pulse wave that are detected by the pulse-wave detecting device at respective different times, the respective second-half portions of the respective heartbeat-synchronous pulses being respective portions of the respective pulses that are subsequent to respective peak points of the respective pulses, the pulse-wave-second-half-information obtaining device providing a time-wise change of the sets of pulse-wave-second-half information that is caused by the pressing of the pressing device.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 63/KOL/2003 A

(22) Date of filing of : 05/02/2003  
application

(54) Title of the Invention : "DEVICE AND METHOD FOR BENDING CYLINDER EDGE"

(51) International classification : B21D 3/02, 19/048

(30) Priority Data :

(31) Document No. 2002-058173 & 10/248453

(32) Date : 05/03/2002 & 21/01/2003

(33) Name of convention country : JAPAN & U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

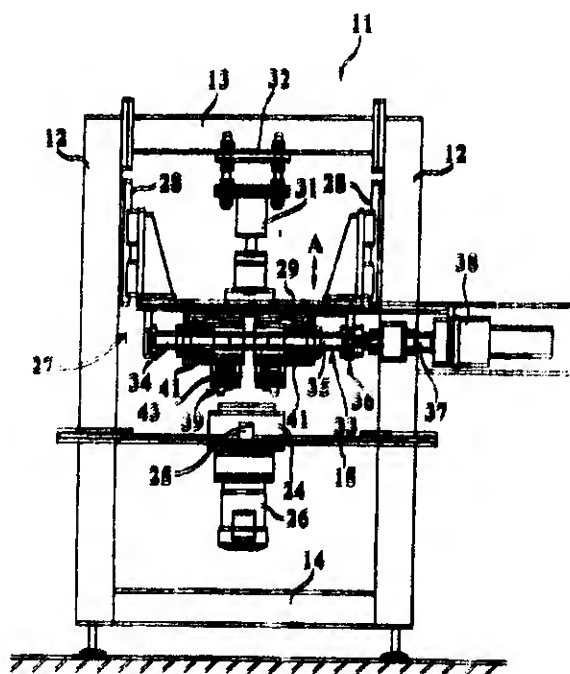
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN.

(72) Name of the Inventors :  
TAKAGI KAZUYOSHI

(57) Abstract : An apparatus and method for forming cylindrical magnetic assemblies for rotating electrical machines. The apparatus and method pre-bends and finally bends a flange of the supporting shell to lock the permanent magnets in place. This is done in a single station and in two steps by way of an apparatus that permits handling of cylindrical bodies of considerably different diameters and lengths.



(21) Application No. 64/KOL/2003 A (22) Date of filing of : 07/02/2003  
application  
(54) Title of the Invention : "ARTERIOSCLEROSIS INSPECTING APPARATUS"

<p>(51) International classification : A61B 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 2002-056197</p> <p>(32) Date : 01/03/2002</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN.</p> <p>(72) Name of the Inventors : OGURA TOSHIHIKO</p>
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[illegible]

An arteriosclerosis inspecting apparatus (10) including an information obtaining device (54, 70, 98) which obtains information that is related to a velocity at which a pulse wave propagates in a living subject, a blood-pressure measuring device (12, 86) which measures a blood pressure of the subject, a heart-rate measuring device (68, 88) which measures a heart rate of the subject, a pre-ejection-period measuring device (68, 70, 92) which measures a pre-ejection period from a time of starting of contraction of the heart of the subject to a time of starting of ejection of blood from the heart, an ejection-time measuring device (54, 90) which measures an ejection time from the time of starting of ejection of blood from the heart to a time of ending of ejection of blood from the heart, and an arteriosclerosis-inspection-related-augmentation-index determining means (100) for determining an arteriosclerosis-inspection-related augmentation index of the subject, based on the obtained pulse-wave-velocity-related information, the measured blood pressure, the measured heart rate, the measured pre-ejection period, and the measured ejection time, according to a predetermined relationship between (A) (a1) pulse-wave-velocity-related information, (a2) blood pressure, (a3) heart rate, (a4) pre-ejection period and (a5) ejection time, and (B) arteriosclerosis-inspection-related augmentation index.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 65/KOL/2003 A

(22) Date of filing of : 07/02/2003  
application

(54) Title of the Invention : "METHODS OF MAKING PYRAZINAMIDE"

(51) International classification : A61K  
31/4965, C07D 241/24

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : CBZ  
CHEMICALS LIMITED, OF 285 MILTON  
ROAD, CAMBRIDGE CB4 1XQ, GREAT  
BRITAIN.

(72) Name of the Inventors :  
PRADHAN BRAJA SUNDAR

(57) Abstract : A method of making pyrazinamide wherein pyrazine is protonated at either or both of the basic N-atoms in the pyrazine ring, and the protonated form of pyrazine is treated with reactive amide species to form pyrazinamide.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 66/KOL/2003 A

(22) Date of filing of : 07/02/2003  
application

(54) Title of the Invention : "IMPROVEMENT IN THE STRUCTURE OF AN ANTI SHOCK DEVICE"

(51) International classification : E04B 1/98, E04H 9/02

(30) Priority Data :

(31) Document No. 10/091,540

(32) Date : 07/03/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

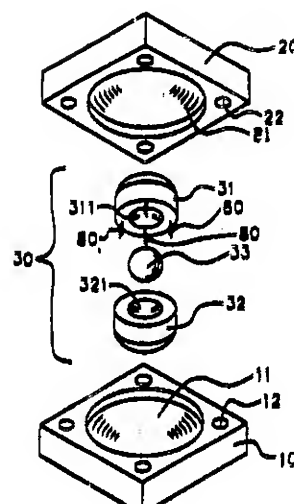
(64) Filed on : NA

(71) Name of the Applicant : TSAI, CHONG-SHIEN, Fl. 3, NO. 9, ALLEY 10, LANE 86, SEC. 2, NAN KANG ROAD, TAIPEI CITY, TAIWAN.

(72) Name of the Inventors :  
TSAI, CHONG-SHIEN.

(57) Abstract :

An improvement in the structure of an anti-shock device utilized for buildings, important structures and bridge structures that is comprised of a base, a carrier, a slide block, and a plurality of springs. A slip concavity of a sunken round curved recess is respectively formed in the base top surface and in the carrier bottom surface, and an upper slide block member and a lower slide block member are situated between the two slip concavities. One contact surface between the two slide block members and slip concavities is of a curved contour and the other surfaces are indented seating recesses. A spheroid coupling bearing is nested between the two seating recesses and the upper and lower slide block members are held together by the springs. As so assembled, the anti-shock device base is fastened under the columns of a building structure such that the building achieves the objectives of exceptional shock eliminating capability and greater building structure safety.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 67/KOL/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "DOUBLE-SIDED SLIDING THRUST BEARING"

(51) International classification : F16C 33/20  
(30) Priority Data :  
(31) Document No. 2002-086507  
(32) Date : 26/03/2002  
(33) Name of convention country : JAPAN  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : DAIDO  
METAL COMPANY LTD., OF 13F,  
NAGOYA HIROKOJI BLDG., 3-1, SAKAE  
2-CHOME, NAKA-KU, NAGOYA, JAPAN.

(72) Name of the Inventors :  
1. IWATA HIDEKI,  
2. NIWA TAKAHIRO,  
3. SHINDO TAKESHI,  
4. KASHIYAMA KOTARO.

**(57) Abstract :**

There is provided a double-sided sliding thrust bearing of a plate shape adapted to be in sliding contact with a counterpart on each of both faces of the thrust bearing, comprising a bearing structure provided with a plate-shaped base member having an anchor effect on each of both faces thereof, and a sliding layer having a thickness not less than 30  $\mu$ m on each of the faces of said base member which sliding layer is made of a thermosetting resin-containing material. By making the thickness of the sliding layer 10 not less than 30  $\mu$ m, it becomes possible for the thrust bearing 1 to slide shoes for a longer time even when being used in a dry state and the sliding layer 10 comes to be hardly peeled off from the base member 2 because of the anchor effect of the base member 2. Further, the mechanical strength and thermal conductivity of the thrust bearing 1 can be improved by the base member 2 located between the sliding layers 10.

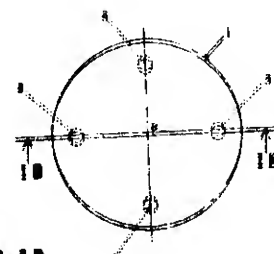


FIG. 1A

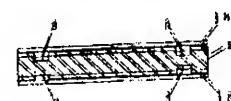


FIG. 1B

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 68/KOL/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "QUICK-RELEASE FITTING ASSEMBLY"

(51) International classification : F17C 13/06

(30) Priority Data :

(31) Document No. 60/357, 334

(32) Date : 15/02/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

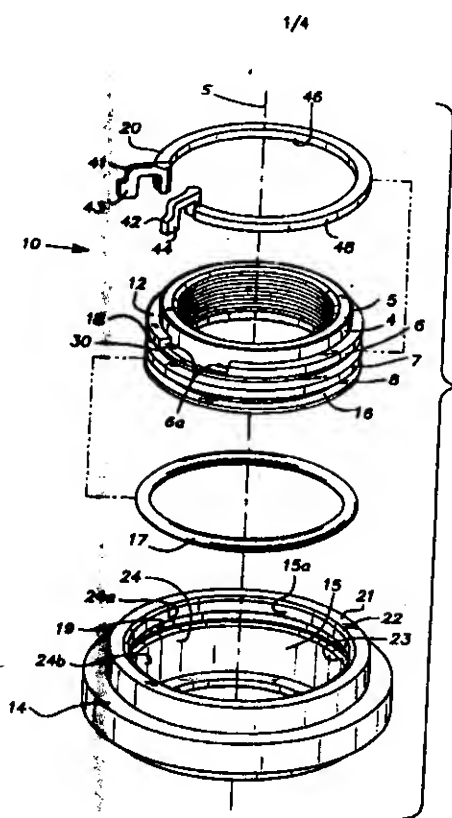
(64) Filed on :NA

(71) Name of the Applicant : ESSEF CORPORATION, D.B.A. PENTAIR WATER TREATMENT, A CORPORATION OF THE STATE OF OHIO, 220 PARK DRIVE, BUILDING 2, CHARDON, OHIO 44024, U.S.A.

(72) Name of the Inventors :

1. LEBRETON EDWARD T.,
2. ELLIS GEORGE S.,

(57) Abstract :



A quick-release fitting assembly has a male fitting and a female fitting. The male and female fittings are secured together by a retaining ring that is at least partially received in aligned first and second retaining grooves that are provided in the male fitting and the throat of the female fitting respectively. A water tight seal is provided by an O-ring that is retained in a sealing groove of the male fitting and radially compressed against the throat wall when the male fitting is inserted in the female fitting. The water tight seal remains substantially intact when the male fitting is rotated relative to the female fitting. In a preferred embodiment, the male fitting is removable from the female fitting by first compressing the retaining ring so that it no longer extends into the second retaining groove. In this embodiment, a locking ledge may be provided in the first retaining groove which prevents the retaining ring from being compressed when the fitting is under pressure so that the male fitting cannot be removed from the female fitting under pressure.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 69/KOL/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "BLADE-TYPE TENSIONER"

<p>(51) International classification : F16H 7/08, 7/18</p> <p>(30) Priority Data :</p> <p>(31) Document No. 2002-049842</p> <p>(32) Date : 26/02/2002</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : BORG WARNER MORSE TEC JAPAN K. K., AT 1300-50 YABATA, NABARI, MIE 518-0495 JAPAN.</p> <p>(72) Name of the Inventors : SAKAMOTO NAOJI</p>

(57) Abstract :

A blade-type tensioner for applying tension to a chain comprising a base, an arcuately shaped blade shoe having a chain sliding face, a spring provided on a back side of the blade shoe, and a guide member. The blade shoe has a proximal end portion and a distal end portion, where the proximal end portion is swingably supported on the base, and the distal end portion is slidably supported on a slide plate of the base. The slide plate is arcuately shaped to form a concavely arcuate arc face on an opposite side of the distal end portion of the blade shoe, and the distal end portion of the blade shoe has a convexly arcuate arc face corresponding to the concavely arcuate arc face of the slide plate. The distal end portion of the blade shoe is guided by a self-aligning action of the concavely arcuate arc face of the slide plate in such a way that the distal end portion is centrally positioned in a lateral direction on the slide plate. The guide member comprises a pair of guide portions formed integrally on opposite side edges of the distal end portion of the blade shoe, and hang below opposite side ends of the slide plate.

Publication After 18 months.

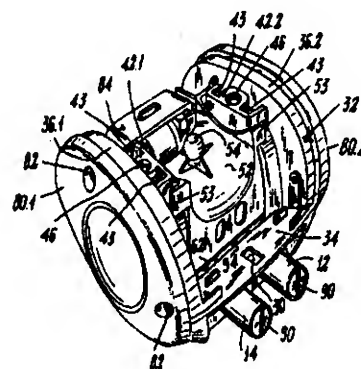
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No. 70/KOL/2003 A** (22) **Date of filing of : 11/02/2003 application**  
 (54) **Title of the Invention : "PNEUMATIC PULSATOR FOR MILKING PLANTS"**

<p>(51) <b>International classification : A01J 5/00, 7/00</b>          (30) <b>Priority Data :</b>          (31) <b>Document No. MI2002A000317</b>          (32) <b>Date : 18/02/2002</b>          (33) <b>Name of convention country : ITALY</b>          (66) <b>Filed U/s 5(2) :NIL</b>          (61) <b>Patent of addition to application No. NA</b>          (62) <b>Filed on :NA</b>          (63) <b>Divisional to Application No. :NIL</b>          (64) <b>Filed on :NA</b></p>	<p>(71) <b>Name of the Applicant : INTERPULS S.P.A., OF VIA A. VARISCO, 18, IT-42020 ALBINEA REGGIO EMILIA, ITALY.</b>           (72) <b>Name of the Inventors :</b>          1. NICOLINI, GARRIELE,          2. SICURI, ROBERTO.</p>
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**(57) Abstract :**

The pneumatic pulsator (10; 10A) for milking plants comprises a pneumatic operating device for moving a slide valve (64) with reciprocating rectilinear movement to cyclically connect a vacuum source to the pulsation chambers of a milking unit. The slide valve (64) slides along a plate (62) of anti-wear synthetic material which is not affected by environmental climatic variations and presents ports communicating with the vacuum source and with the pulsation chambers. The plate (62) is sealedly pressed against a base (34) in which conduits are provided. From the base (34) there project two mutually facing side walls (36.1, 36.2) forming part of the body (12), as does the base (34). The body (12) of the pulsator (10) has a rigid frame structure, of which the base (34) forms a first side, a second and a third side being formed by the side walls (36.1, 36.2), and a fourth side being formed by a rigid crosspiece (38). There is also provided a rigid U-piece (52) which straddles the slide valve (64) and is provided with two feet (56) which rest on the plate (62). The U-piece (52) is pressed against the plate (62) via a spherical hinge (54, 58) lying on an axis perpendicular to the plate (62) and centered with respect to the feet (56) of the U-piece (52). The body (12) and the U-piece (52) are constructed of a synthetic material which is not affected by environmental climatic variations.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

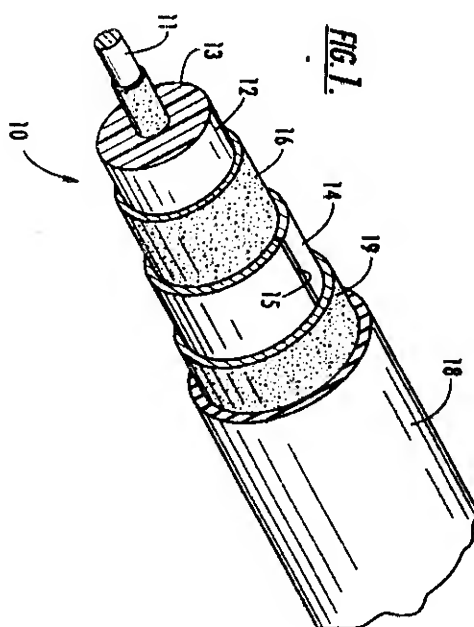
(21) Application No. 73/KOL/2003 A

(22) Date of filing of : 11/02/2003  
application

(54) Title of the Invention : "A COAXIAL CABLE"

<p>(51) International classification : H01B 7/34, 11/06</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/018,861 &amp; 60/018,777</p> <p>(32) Date : 30/05/1996 &amp; 31/05/1996</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :1014/CAL/97</p> <p>(64) Filed on :30/05/1997</p>	<p>(71) Name of the Applicant : COMMSCOE, INC., OF NORTH CAROLINA OF P.O. BOX 339, HICKORY, NORTH CAROLINA 28603-0339, U.S.A.</p> <p>(72) Name of the Inventors : 1. MOE ALAN N., 2. GARNER MARK A.,</p>
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(57) **Abstract** : The present invention discloses a coaxial cable having a core comprising at least one inner conductor and a foam polymer dielectric surrounding the inner conductor, an electrically and mechanically continuous smooth-walled longitudinally welded tubular copper sheath closely surrounding said core and adhesively bonded thereto, and a protective outer jacket surrounding said sheath and bonded thereto, said tubular copper sheath having a thickness no greater than about 1.6 percent of the diameter of said tubular copper sheath.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 74/KOL/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "VARIABLE FORCE SOLENOID WITH SPOOL POSITION FEEDBACK TO CONTROL THE POSITION OF A CENTER MOUNTED SPOOL VALVE TO CONTROL THE PHASE ANGLE OF CAM MOUNTED PHASER"

<p>(51) International classification : F01L 1/34, 1/344</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/374,320 &amp; 10/281, 746</p> <p>(32) Date : 22/04/2002 &amp; 28/10/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NA</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : BORG WARNER, INC., AT BORG WARNER POWERTRAIN AVENUE, 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS, MI48326-1782 U.S.A.</p> <p>(72) Name of the Inventors : SIMPSON ROGER</p>
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(57) Abstract :

The cam phaser of the present invention includes a variable force solenoid (201) with spool position feedback to control the position of a center mounted spool valve (192) and control the phase angle of the cam mounted phaser. A position sensor (300) is mounted to the spool valve position such that a control loop (400) controls the position of the spool valve (192). A second, outer loop (430) controls the phaser angle. An offset is preferably added to the spool valve position to move the spool valve to its steady state or null position. This null position is required so that the spool (200) can move in to move the phaser in one direction and outward to move the phaser in the other direction. This type of system reduces any frictional or magnetic hysteresis in the spool (200) and solenoid control system.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

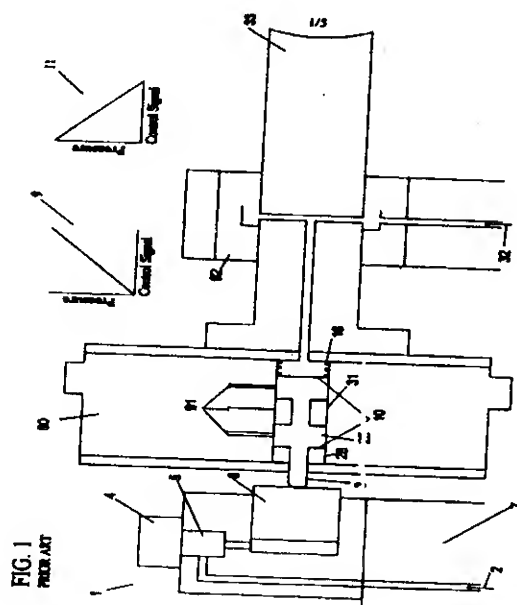
(21) Application No. 75/KOL/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "PHASER MOUNTED DPCS (DIFFERENTIAL PRESSURE CONTROL SYSTEM) TO REDUCE AXIAL LENGTH OF THE ENGINE"

<p>(51) International classification : F01L 1/34, (30) Priority Data : (31) Document No. 60/374,334 &amp; 10/281, 663 (32) Date : 22/04/2002 &amp; 28/10/2002 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NA (64) Filed on : NA</p>	<p>(71) Name of the Applicant : BORG WARNER, INC., AT BORG WARNER POWERTRAIN AVENUE, 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS, MI48326-1782 U.S.A. (72) Name of the Inventors : SIMPSON ROGER</p>
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(57) Abstract : An internal DPCS feed (13) engine oil pressure (32) to one side (19) of the spool and a solenoid controlled pressure (14) to a piston (12) that has twice the area as the side (19) of the spool. The spool end (21) that is fed control pressure is preferably twice the area of the spool end (19) that is fed with engine oil pressure. A spring (18) mounted in the phaser pushes the spool (25) to the default position in case of solenoid failure. A PWM solenoid valve (15) or a proportional solenoid valve controls the oil flow to the large area end (21) of the spool (25). In a preferred embodiment of the invention, a position sensor (34) further controls the position of the spool valve (28).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

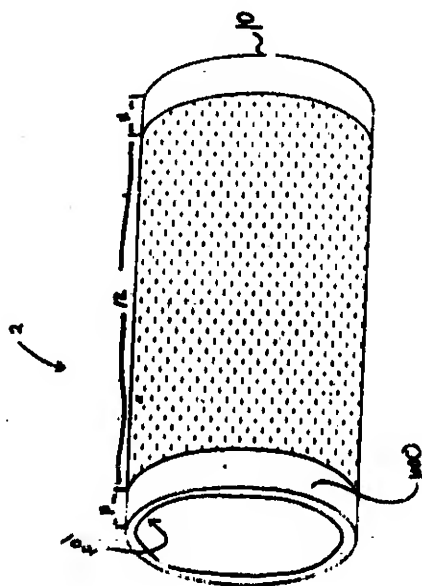
(21) Application No. 76/KOL/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "METHOD OF MAKING TOPOGRAPHICAL SUPPORT MEMBERS FOR PRODUCING APERTURED FILMS"

(51) International classification : B29C 59/00 (30) Priority Data : (31) Document No. 60/356, 845 (32) Date : 14/02/2002 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA	(71) Name of the Applicant : MCNEIL, PPC-INC., OF GRANDVIEW ROAD, SKILLMAN, NJ08558, U.S.A.  (72) Name of the Inventors : 1. KELLY, WILLIAM G. F., 2. JAMES, WILLIAM A.
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(57) Abstract : This invention provides a method of forming a three dimensional topographical support member for producing apertured films, to the three dimensional topographical support member formed by the method of the invention, and to the apertured film produced thereon. The topographical support member is formed by moving a laser beam across the surface of a workpiece while modulating the power of the laser beam, thereby sculpting the surface of the workpiece to form the three dimensional topographical support member.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

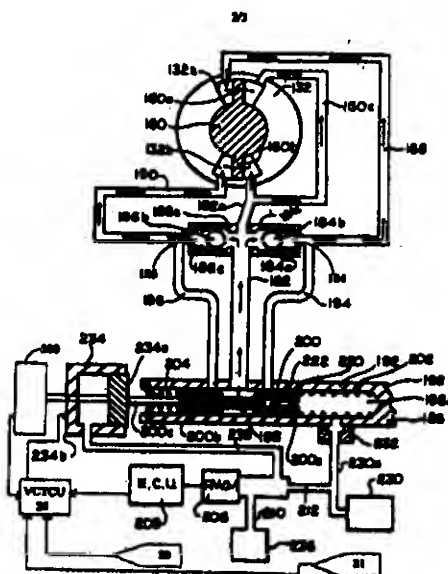
(21) Application No. 77/KOL/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "EXTERNALLY MOUNTED DPCS (DIFFERENTIAL PRESSURE CONTROL SYSTEM) WITH POSITION SENSOR CONTROL TO REDUCE FRICTIONAL AND MAGNETIC HYSTERESIS"

<p>(51) International classification : F01L 1/344  (30) Priority Data :  (31) Document No. 60/374, 532 &amp; 10/281, 799  (32) Date : 22/04/2002 &amp; 28/10/2002  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NA  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : BORG WARNER, INC., AT BORG WARNER POWERTRAIN AVENUE 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS, MI48326-1782, U.S.A.   (72) Name of the Inventors : SIMPSON ROGER</p>
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(57) Abstract : The cam phaser of the present invention includes an externally mounted DPCS (234) with spool position feedback to control the position of a center mounted spool valve (192) and control the phase angle of the cam mounted phaser. A position sensor (300) is mounted to the spool valve position such that a control loop (400) controls the position of the spool valve (192). A second, outer loop (430) controls the phaser angle. An offset is preferably added to the spool valve position to move the spool valve to its steady state or null position. This null position required so that the spool (200) can move in to move the phaser in one direction and outward to move the phaser in the other direction. This type of system reduces any frictional or magnetic hysteresis in the system.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 79/KOL/2003 A

(22) Date of filing of : 14/02/2003  
application

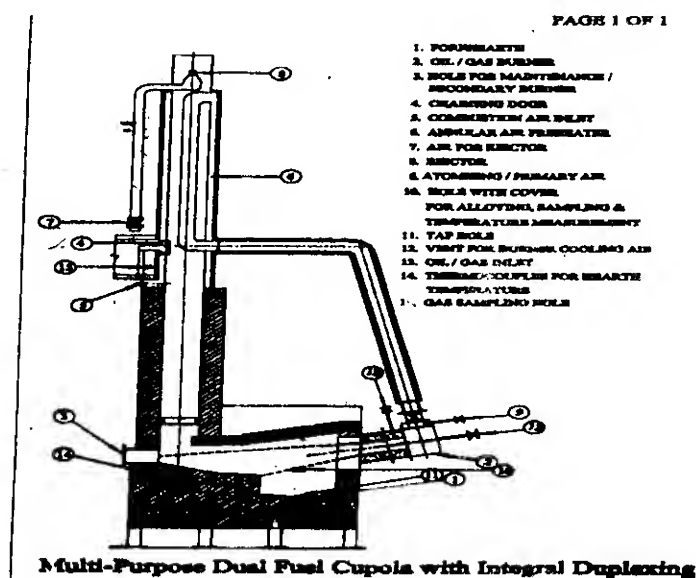
(54) Title of the Invention : "MULTI-PURPOSE DUAL FUEL CUPOLA WITH INTEGRAL DUPLEXING"

(51) International classification : C21C 1/00  
(30) Priority Data :  
(31) Document No.  
(32) Date :  
(33) Name of convention country :  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NA  
(64) Filed on :NA

(71) Name of the Applicant : ASHIS KUMAR MUKHERJEE, (45, SOUTH SHIV TEMPLE LANE, JUGASLAI, JAMSHEDPUR- 831002, JHARKHAND, INDIA AND PRABHAT KUMAR MISHRA (8, CONTRACTORS' GODOWN AREA, SONARI, JAMSHEDPUR – 831011, JHARKHAND, INDIA.

(72) Name of the Inventors :  
1. ASHIS KUMAR MUKHERJEE,  
2. PRABHAT KUMAR MISHRA.

(57) Abstract :





Cupola continues to be the workhorse in majority of the iron foundries. Several improvements have been made in the age-old process. These include the hot blast cupola, divided blast cupola, coke-less cupola etc. However, the inherent deficiencies in the form of high oxidation loss, rather marginal metal temperature (and poor control on it) and the environmental issues continue to plague. The contemporary designs of coke-less cupolas have mitigated the environmental effect to a great extent. But the high oxidation loss, rather marginal metal temperature and somewhat poor control on it and high operating & maintenance costs, owing to the use of ceramic balls and water cooled supports, continue to be the burning issues.

The present invention attempts to minimise the above problems by eliminating the use of water-cooled grids by supporting the charge material directly on inclined hearth of the cupola. The requirement of ceramic balls to offer the surface area for superheating has also been eliminated by letting the molten metal into an adjoining chamber in which the metal is superheated largely by radiation from the oil / gas flame. The provision of a sampling and alloying hole helps in oxygen lancing of the bath, if required and, temperature measurements.

The high temperature radiating heat transfer from the flame to the molten slag and metal in the fore-hearth keeps the oxidation loss to the bare minimum. Moreover, use of coke directly in to the bath while remaining inside the furnace helps in almost complete recovery of iron from iron oxide and also in better utilisation of CO gas thus produced. Owing to high slag basicity, temperature & reducing condition, desulphurisation is very efficient. The need of separate rotary / induction channel furnace, which incur additional heat & oxidation losses is thus eliminated.

Novelty of the invention resides in the steps of supporting the solid charge directly on a sloping hearth of the cupola instead of that on water-cooled and refractory lined supports. The newness is in superheating the molten metal in the adjoining chamber largely by radiation from the flame, where its highest temperature heat is imparted to the metal. The remaining heat in the gas is utilised progressively in melting the charge material over the inclined hearth and thereafter preheating the solid charge in the stack. Thus the present invention provides a novel process for melting cast iron / steel in a very cost-effective, energy-efficient, environment-friendly and flexible manner. The process is also applicable for refining the liquid metal so produced in order to get the desired properties.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 80/KOL/2003 A

(22) Date of filing of : 14/02/2003  
application

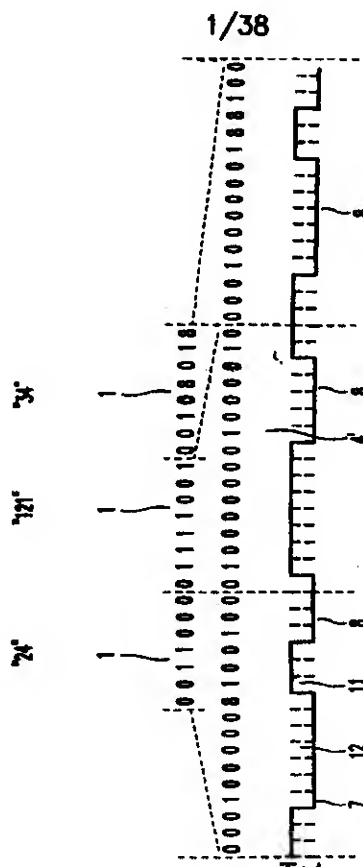
(54) Title of the Invention : "METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DEVICE, RECORDING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER"

(51) International classification : G11B  
20/10, 23/00, H03M 5/04, 7/20  
(30) Priority Data :  
(31) Document No.  
(32) Date :  
(33) Name of convention country :  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No.  
:1530/CAL/96  
(64) Filed on :28/08/1996

(71) Name of the Applicant :  
KONINKLIJKE PHILIPS ELECTRONICS  
N. V., AT GROENEWOUDSEWEG 1, 5621  
BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :  
KORNELIS ANTONIE SCHOUHAMER  
IMMINK

(57) Abstract :



A method of converting a series of  $m$ -bit information words to a modulated signal is described. For each information word from the series an  $n$ -bit code word is delivered. The delivered code words are converted to the modulated signal. The code words are distributed over at least one group ( $G11$ ,  $G12$ ) of a first type and at least one group ( $G2$ ) of a second type. For the delivery of each of the code words belonging to the group ( $G11$ ,  $G12$ ) of the first type the associated group establishes a coding state ( $S1$ ,  $S4$ ) of the first type. When each of the code words belonging to the group ( $G2$ ) of the second type is delivered, a coding state ( $S2$ ,  $S3$ ) of the second type is established which is determined by an information word belonging to the delivered code word. When one of the code words is assigned to the received information word, this code word is selected from a set ( $V1$ ,  $V2$ ,  $V3$ ,  $V4$ ) of code words which depends on the coding state ( $S1$ ,  $S2$ ,  $S3$ ,  $S4$ ). The sets of code words ( $V2$ ,  $V3$ ) belonging to the coding states ( $S1$ ,  $S2$ ) of the second type are disjunct. The DC and LF parameters of the modulated signal are improved, when in a coding state of the first type ( $S1$  and  $S4$ ), by assigning a codeword from a set of an other state of the first type, while not violating the  $dk$ -constraint. That one of the sets of the first type is selected, of which the codeword results in the best momentary running DC value. The method can be applied to 8 to 15, 8 to 16 (like EFM+) or other codes with coding state mechanisms. Further a record carrier, a signal, a coding and a recording device are disclosed.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

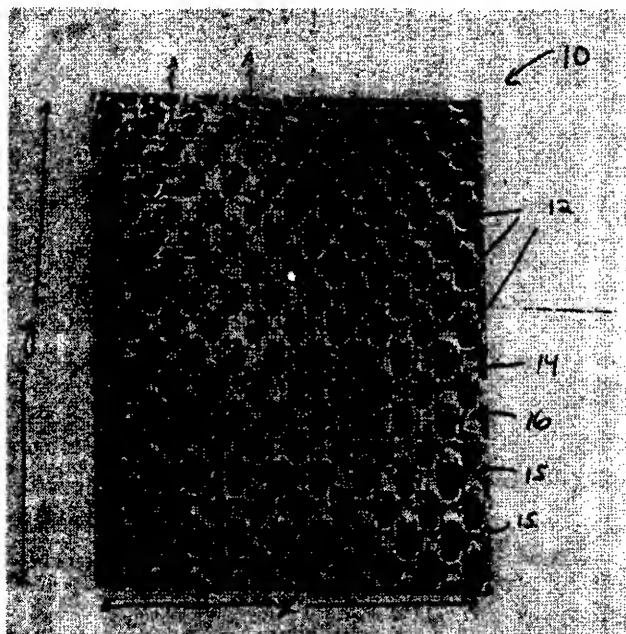
(21) Application No. 81/KOL/2003 A

(22) Date of filing of : 14/02/2003  
application

(54) Title of the Invention : "THREE DIMENSIONAL APERTURED FILM"

<p>(51) International classification : A61F 13/15 (30) Priority Data : (31) Document No. 60/356, 837 (32) Date : 14/02/2002 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NA (64) Filed on : NA</p>	<p>(71) Name of the Applicant : MCNEIL PPC-INC., OF GRANDVIEW RD., SKILLMAN, NJ 08558, UNITED STATES OF AMERICA.  (72) Name of the Inventors : 1. KELLY WILLIAM G. F., 2. JAMES WILLIAMA.</p>
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(57) **Abstract** : This invention provides a three-dimensional apertured film having a calliper defined by a first plane and a second plane. The film comprises a plurality of disconnected macro features and a plurality of apertures. The apertures are defined by sidewalls that originate in the film's first surface and extend generally in the direction of the film's second surface to terminate in the second plane. The first surface of the film is coincident with the first plane at said macro features. The film may be used in personal care products, such as sanitary napkins, and has stable, low penetration rate when used in conjunction with an absorbent core containing super absorbent material.



### Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

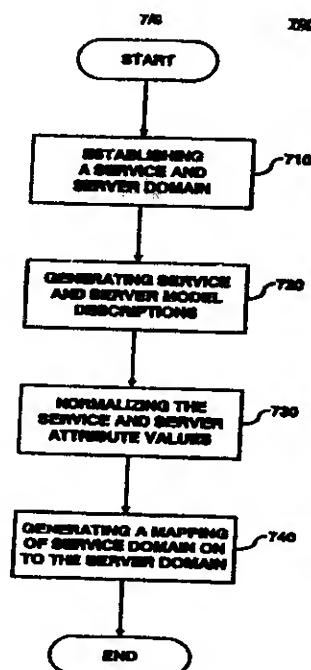
(21) Application No. 82/KOL/2003 A

(22) Date of filing of : 14/02/2003  
application

(54) Title of the Invention : "GENERATING AUTOMATED MAPPINGS OF SERVICE DEMANDS TO SERVER CAPACITIES IN A DISTRIBUTED COMPUTER SYSTEM"

<p>(51) International classification : G06F 15/16</p> <p>(30) Priority Data :</p> <p>(31) Document No. 10/164554</p> <p>(32) Date : 10/06/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. : NA</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : HEWLETT-PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO,CALIFORNIA 94304, U.S.A.</p> <p>(72) Name of the Inventors : 1. GRAUPNER SVEN, 2. KOTOV VADLM</p>
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(57) Abstract : A method for generating automated mappings of service demands to server capacities in a distributed computer system, including a plurality of server and service nodes. The method establishing server model layer and a service model layer and a set of server and service attribute values, which are associated with the plurality of server and service nodes. Each set of server attributes values and service attributes values are normalized and a mapping of service nodes onto server nodes is generated.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 83/KOL/2003 A

(22) Date of filing of : 14/02/2003  
application

(54) Title of the Invention : "A METHOD OF RECORDING AND/OR REPRODUCING AUDIO AND/OR VIDEO DATA"

(51) International classification : G11B  
20/12, 20/00, 27/32  
(30) Priority Data :  
(31) Document No. 98-23991 & 98-44804  
(32) Date : 24/06/98 & 26/10/98  
(33) Name of convention country :  
REPUBLIC OF KOREA  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :  
576/CAL/99  
(64) Filed on : 24/06/99

(71) Name of the Applicant : SAMSUNG  
ELECTRONICS CO. LTD., OF 416,  
MAETAN-DONG, PALDAL-GU, SUWON-  
CITY, KYUNGKI-DO, REPUBLIC OF  
KOREA.

(72) Name of the Inventors :

1. MOON SEONG JIN,
2. OH YOUNG NAM,
3. CHUNG TAE YUN,
4. KANG JUNG SUK,
5. PARK PAN GIE.

(57) Abstract : A method of recording and/or reproducing audio and/or video data on a recordable and/or rewriteable recording medium comprising:

recording a plurality of still pictures on the recording medium; and

separating the plurality of still pictures into a predetermined maximum number of groups, and recording still picture group information having first virtual deletion information for the respective still pictures indicative of a virtual delete status set by a user and playback information related to reproduction.

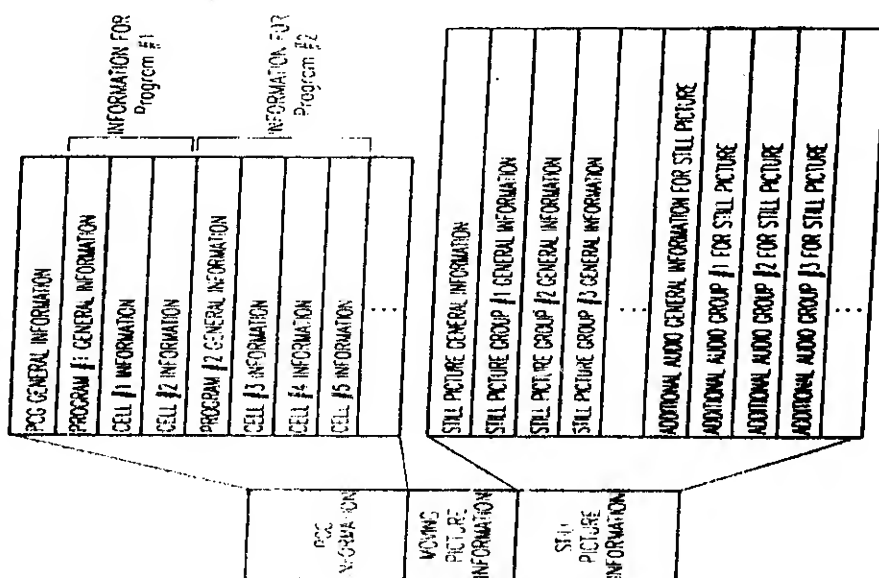


FIG. 4

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 85/KOL/2003 A

(22) Date of filing of : 14/02/2003  
application

(54) Title of the Invention : "A RECORDING MEDIUM"

<p>(51) International classification : G11B 20/12, 20/00, 27/32</p> <p>(30) Priority Data :</p> <p>(31) Document No. 98-23991 &amp; 98-44804</p> <p>(32) Date : 24/06/98 &amp; 26/10/98</p> <p>(33) Name of convention country : REPUBLIC OF KOREA</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : 567/CAL/99</p> <p>(64) Filed on : 24/06/1999</p>	<p>(71) Name of the Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA.</p> <p>(72) Name of the Inventors : 1. MOON SEONG JIN, 2. OH YOUNG NAM, 3. CHU,NG TAE YUN, 4. KANG JUNG SUK, 5. PARK PAN GIE</p>
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(57) Abstract :

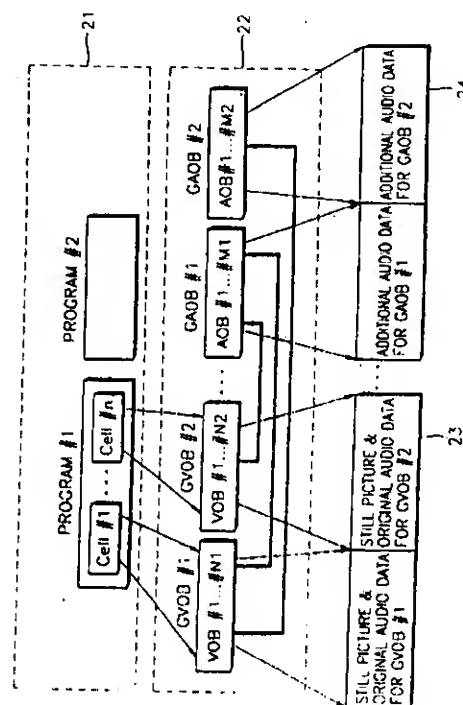
A recording medium, comprising:

a plurality of still pictures;

first virtual deletion information for the still pictures, wherein the first virtual deletion information is indicative of whether a corresponding one of the still pictures is currently reproducible; and

still picture group information for separating the still pictures into groups, wherein the still picture group information includes a start position of each still picture group and sizes of the respective still pictures within the still picture group.

wherein the still picture group information includes for each still picture group a still picture group identifier, a start address of one of the still pictures in the corresponding still picture group, a number of still pictures within the corresponding still picture group, and a number of virtually deleted still pictures in the corresponding still



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 87/KOL/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR TRIAL-DYEING FABRICS OR YARNS WITH A SOFT BAG"

(51) International classification : D06B 23/00

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :  
REPUBLIC OF KOREA

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. : NA

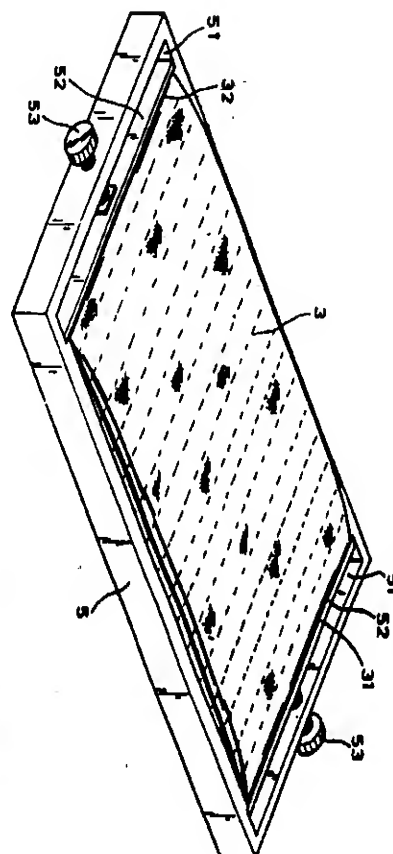
(64) Filed on : NA

(71) Name of the Applicant : YUN-PENG, HSU OF NO. 1, ALLEY 13, LANE 40, HSIN HSING STREET, KUEISHAN HSIANG, TAO YUAN HSIEN, TAIWAN, R. O. C.

(72) Name of the Inventors :  
YUN-PENG, HSU

(57) Abstract :

The present invention relates to a method and apparatus for trial-dyeing fabrics or yarns with a soft bag. The fabrics or yarns to be dyed are spread out and placed into a soft and waterproof bag. The required dyeing solution is fed into the bag 30 according to the ratio of dyeing liquor. Then, the opening of the soft waterproof bag is sealed to maintain said dyeing solution within said bag, thereby forming a trial-dyeing bag. The trial-dyeing bag is extended by means of clamp tools. Meanwhile, said trial-dyeing bag is rotated or the surface thereof is locally pressed for driving said dyeing solution to thoroughly flow within said bag and, therefore, to penetrate into fibers of fabrics such that an even dyeing is achieved. Accordingly, the conventional color-testing vessel can be replaced by the disposable trial-dyeing bag. In addition to reducing the ratio of liquor, it's avoidable that the dye attached to the color-testing vessel affects the next trial-dyeing result. Moreover, the wrinkles and the uneven dyeing effect of the test cloths can be eliminated.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 88/KOL/2003 A

(22) Date of filing of : 17/02/2003  
application

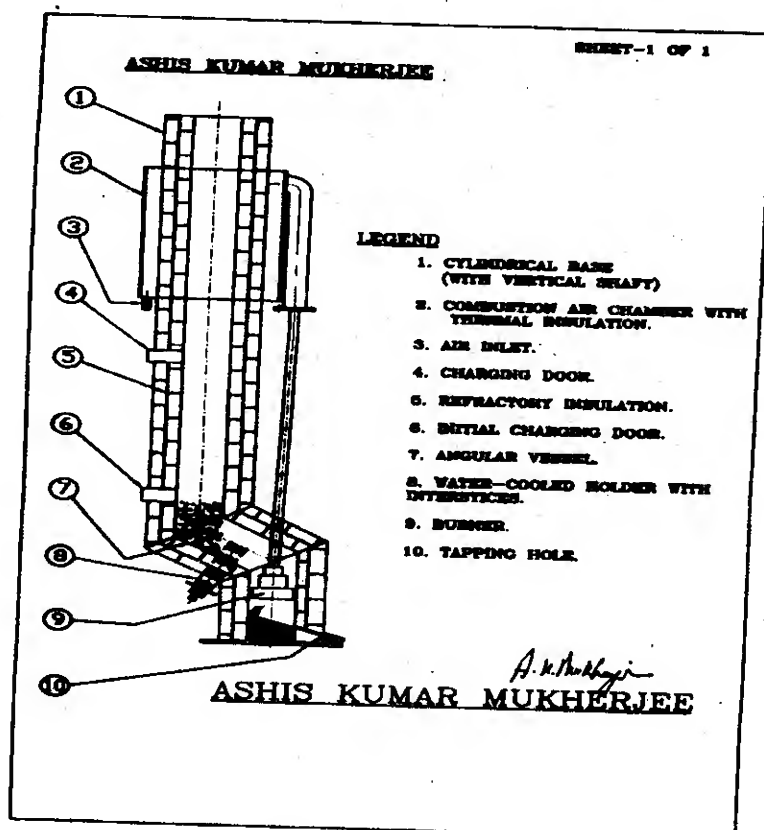
(54) Title of the Invention : "ECO-FRIENDLY MULTI-PURPOSE DUAL FUEL CUPOLA"

(51) International classification : C21C 1/00  
(30) Priority Data :  
(31) Document No.  
(32) Date :  
(33) Name of convention country :  
REPUBLIC OF KOREA  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NA  
(64) Filed on : NA

(71) Name of the Applicant : ASHIS KUMAR MUKHERJEE (45, SOUTH SHIV TEMPLE LANE, JUGSALAI, JAMSHEDPUR- 831002, JHARKHAND, INDIA.

(72) Name of the Inventors :  
ASHIS KUMAR MUKHERJEE

(57) Abstract :



In the last several decades the Cupola furnace with coke as a firing fuel is being used to melting purpose and several improvements have been made to the age-old processes. These include the hot blast cupola, divided blast cupola, cokeless cupola etc. However, the inherent deficiencies in the form of high oxidation loss, rather marginal metal temperature ( and poor control on it ) and the environmental issues continue to plague. The contemporary designs of coke-less cupola have mitigated the environmental effect to a great extent. But the high oxidation loss, rather marginal metal temperature and somewhat poor control on it and high operating & maintenance cost, owing to the use of ceramic balls, continue to be burning issues.

The present invention attempt to minimize the above problem by eliminating the use of ceramic balls. The solid charge materials rest directly in the adjoining angular vessel is inclined downwards, in which metal and melted metals are superheated at the hearth of the bed largely by radiation from the oil/gas flame.

Novelty of the invention resides in the steps of supporting the solid charge directly and hold by the water-cooled holders with interstices in the adjoining angular vessel of the cupola, which is made inclined to facilitate easy flow by gravity of the molten metal and deposited into the hearth of the bed. The newness is preheating and melting the charge material by hot combustion products after imparting its highest temperature in an adjoining angular vessel and hearth of the bed largely by radiation from the flame, where its highest temperature heat is imparted to the metal. Thus the present invention provides a novel process for melting cast iron/steel in a very cost-effective, energy-efficient, environment-friendly and flexible manner. The process is also applicable for refining the liquid metal so produced in order to get the desired properties

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 89/KOL/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "JUTE FABRIC-ALUMINIUM FOIL LAMINATE SHEET AND PROCESS FOR PREPARING THE SAME"

<p>(51) International classification : B32B 5/00  (30) Priority Data :  (31) Document No.  (32) Date :  (33) Name of convention country :  REPUBLIC OF KOREA  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. : NA  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : INSTITUTE  OF JUTE TECHNOLOGY, 35,  BALLYGUNGE CIRCULAR ROAD,  KOLKATA- 700 019.    (72) Name of the Inventors :  DR. DEBASISH DAS</p>
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(57) Abstract : Jute fabric-aluminium foil laminate sheet comprises jute fabric laminated with aluminium foil by means of molten thermoplastic polymer and the said sheet is used for packaging various materials. Jute fabric-aluminium foil laminate sheet is prepared by laminating jute fabric with aluminium foil by means of molten thermoplastic polymer by an extrusion lamination process.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 91/KOL/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "DUAL PWM CONTROL OF A CENTER MOUNTED SPOOL VALVE TO CONTROL A CAMPHASER

(51) International classification : F01L 1/34  
(30) Priority Data :  
(31) Document No. 60/374, 597 & 10/281, 571  
(32) Date : 22/04/2002 & 28/10/2002  
(33) Name of convention country : U.S.A.  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NIL  
(64) Filed on :NA

(71) Name of the Applicant : BORG  
WARNER, INC., AT BORG WARNER  
POWERTRAIN AVENUE, 3800  
AUTOMATION AVENUE SUTE 100,  
AUBURN HILLS, MI48326-1782, U.S.A.

(72) Name of the Inventors :  
SIMPSON ROGER

(57) Abstract :

A remotely mounted 4-way valve (2) or two solenoid valves (12) (13) control a center mounted spool valve (28). In the 4-way valve embodiment, one control port (3) provides oil pressure to one end (26) of the spool valve (28) and the other control port (4) provides oil pressure to the other end (27) of the spool (25). In the embodiment with two solenoid valves, one solenoid valve control port (16) feeds oil to one end (26) of the spool (25) and another solenoid valve control port (17) feeds oil to the other end (27). For both of these control systems, the relationship of percent of control signal to percent of control pressure is mapped into the controller, and varies as the engine oil pressure and temperature changes. In a preferred embodiment, a position sensor (34) mounted to the spool valve position reduces this error by having a control loop controlling the position of the spool valve. There is also another loop to control the phaser angle.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 92/KOL/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "DEVICE FOR FORMING AND CONVEYING AWAY A SHEET STACK WITH THE AID OF A SEPARATING MECHANISM"

<p>(51) International classification : B65H (30) Priority Data : (31) Document No. 10208309.6 (32) Date : 27/02/2002 (33) Name of convention country : GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : E. C. H WILL GMBH, OF NEDDERFELD 100, D-22529 HAMBURG, GERMANY.  (72) Name of the Inventors : WOLF, WOLFRAM</p>
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(57) Abstract : A device for manipulating sheet stacks in a stack repository includes a sheet feeding device and a mechanism for separating adapted to be moved into the stack repository while a sheet stack is conveyed away from the stack repository. The separating mechanism includes a belt element.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 94/KOL/2003 A

(22) Date of filing of : 19/02/2003  
application

(54) Title of the Invention : "AN ABSORPTION REFRIGERATOR"

(51) International classification : F25B  
15/00

(30) Priority Data :

(31) Document No. 2002-092104

(32) Date : 28/03/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

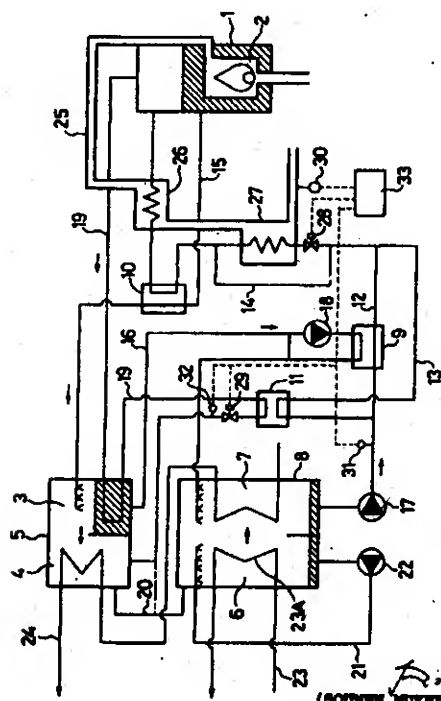
(64) Filed on :NA

(71) Name of the Applicant : SANYO  
ELECTRIC CO. LTD. OF 5-5,  
KEIHANHONDORI 2-CHOME,  
MORIGUCHI-SHI, OSAKA-FU, JAPAN  
AND SANYO ELECTRIC AIR  
CONDITIONING CO. LTD., OF 1,  
OTSUKI-CHO, ASHIKAGA-SHI,  
TOCHIGI-KEN, JAPAN.

(72) Name of the Inventors :

1. FURUKAWA MASAHIRO,
2. YAMAZAKI SHIGUMA,
3. IRAMINA KAZUYASU,
4. KAMADA YASUSHI.

(57) Abstract :



The purpose of the present invention is to improve the thermal efficiency of an absorption refrigerator. The absorption refrigerator is provided with the refrigerant heat recovery equipment 11 for performing heat exchange between the refrigerant which releases heat and is condensed by heating the intermediate absorption solution in the low temperature regenerator 3 and is introduced into the condenser 4 through the refrigerant pipe 19, and a part of the dilute absorption solution discharged from the absorber 7 and sent to the high temperature regenerator 1 bypassing the low temperature heat exchanger 9, and is also provided with a flow control valve 29 for adding flow passage resistance to the refrigerant pipe 19.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 95/KOL/2003 A

(22) Date of filing of : 19/02/2003  
application

(54) Title of the Invention : "IMPROVED ABSORPTION REFRIGERATOR"

(51) International classification : F25B 15/00

(30) Priority Data :

(31) Document No. 2002-110372

(32) Date : 12/04/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

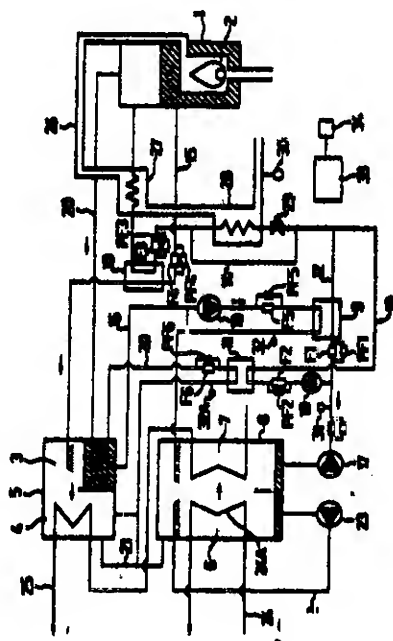
(64) Filed on : NA

(71) Name of the Applicant : SANYO  
ELECTRIC CO. LTD. OF 5-5,  
KEIHANHONDORI 2-CHOME,  
MORIGUCHI-SHI, OSAKA-FU, JAPAN  
AND SANYO ELECTRIC AIR  
CONDITIONING CO. LTD., OF 1,  
OTSUKI-CHO, ASHIKAGA-SHI,  
TOCHIGI-KEN, JAPAN.

(72) Name of the Inventors :

1. FURUKAWA MASAHIRO,
2. YAMAZAKI SHIGUMA,
3. IRAMINA KAZUYASU,
4. KAMADA YASUSHI.

(57) Abstract :





The purpose of the present invention is to improve the thermal efficiency of an absorption refrigerator. The absorption refrigerator is provided with the refrigerant heat recovery equipment 11 for performing heat exchange between the refrigerant which radiated heat and is condensed by heating the intermediate absorption solution in the low temperature regenerator 3 and is introduced into the condenser 4 through the refrigerant pipe 20, and a part of the dilute absorption solution discharged from the absorber 7 and sent to the high temperature regenerator 1 bypassing the low temperature heat exchanger 9, and the rotation speed of the absorption solution pump 18 is controlled by the controller 33 so that the temperature of the dense absorption solution detected by the temperature sensor 32 is higher than a predetermined temperature, for example 40°C.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 96/KOL/2003 A

(22) Date of filing of : 19/02/2003  
application

(54) Title of the Invention : "AN IMPROVED ABSORPTION REFRIGERATOR"

(51) International classification : F25B 15/00

(30) Priority Data :

(31) Document No. 2002-110375

(32) Date : 12/04/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

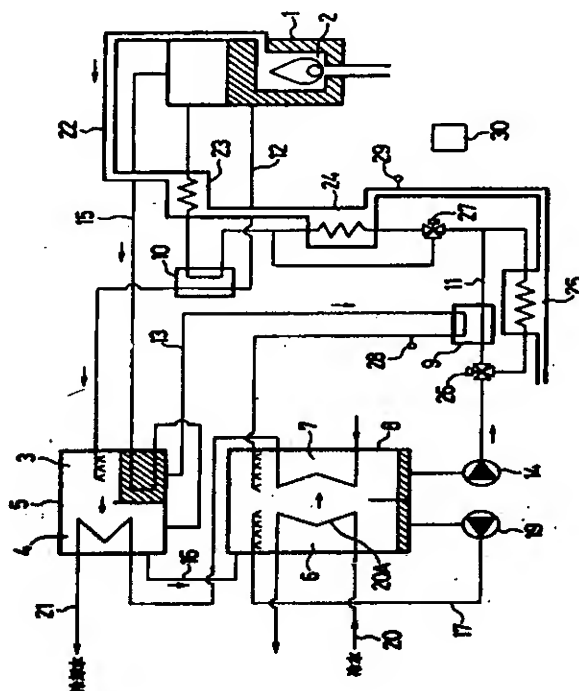
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : SANYO  
ELECTRIC CO. LTD. OF 5-5,  
KEIHANHONDORI 2-CHOME,  
MORIGUCHI-SHI, OSAKA-FU, JAPAN  
AND SANYO ELECTRIC AIR  
CONDITIONING CO. LTD., OF 1,  
OTSUKI-CHO, ASHIKAGA-SHI,  
TOCHIGI-KEN, JAPAN.

(72) Name of the Inventors :  
1. FURUKAWA MASAHIRO,  
2. YAMAZAKI SHIGUMA,  
3. IRAMINA KAZUYASU,  
4. KAMADA YASUSHI.

(57) Abstract :



The purpose of the present invention is to improve the thermal efficiency of an absorption refrigerator. The absorption refrigerator is provided with the refrigerant heat recovery equipment 11 for performing heat exchange between the refrigerant which radiated heat and is condensed by heating the intermediate absorption solution in the low temperature regenerator 3 and is introduced into the condenser 4 through the refrigerant pipe 20, and a part of the dilute absorption solution discharged from the absorber 7 and sent to the high temperature regenerator 1 bypassing the low temperature heat exchanger 9, and the rotation speed of the absorption solution pump 18 is controlled by the controller 33 so that the temperature of the dense absorption solution detected by the temperature sensor 32 is higher than a predetermined temperature, for example 40°C.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 97/KOL/2003 A

(22) Date of filing : 19/02/2003  
application

(54) Title of the Invention : "ABSORPTION REFRIGERATOR"

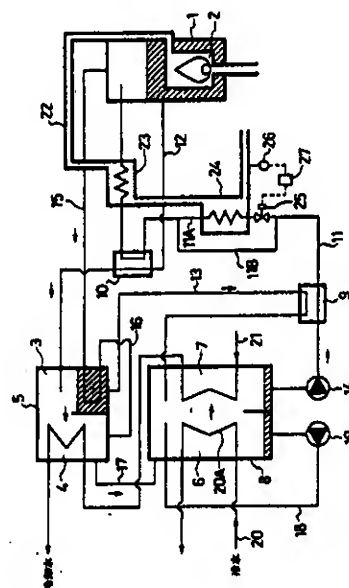
(51) International classification : F25B 15/00  
(30) Priority Data :  
(31) Document No. 2002-092091  
(32) Date : 28/03/2002  
(33) Name of convention country : JAPAN  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : SANYO ELECTRIC CO. LTD. OF 5-5, KEIHON-CHONORI 2-CHOME, MORIGUCHI-SHI, OSAKA-FU, JAPAN AND SANYO ELECTRIC AIR CONDITIONING CO. LTD., OF 1, OTSUKI-CHO, ASHIKAGA-SHI, TOCHIGI-KEN, JAPAN.

(72) Name of the Inventors :  
1. FURUKAWA MASAHIRO,  
2. YAMAZAKI SHIGUMA,  
3. IRAMINA KAZUYASU,  
4. KAMADA YASUSHI.

**(57) Abstract :**

An absorption refrigerator provided with a mechanism for recovering heat from the exhaust, wherein water vapor contained in the exhaust is prevented from condensing even during the starting or partial load operation. An absorption refrigerator, wherein a first and a second exhaust gas heat recovery equipments 23, 24 are installed, an absorption solution pipe (bypass absorption solution pipe) 11B for the diluted absorption solution exited the low temperature heat exchanger 9 to flow by bypassing a second exhaust gas heat recovery equipment 24, a flow control valve 25 is provided in an absorption solution pipe 11A leading to the second exhaust gas heat recovery equipment 24, and a controller 27 is provided so that a predetermined (for instance 100 °C) over the dew-point temperature of the exhaust gas is detected continuously by a temperature sensor 28.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 99/KOL/2003 A

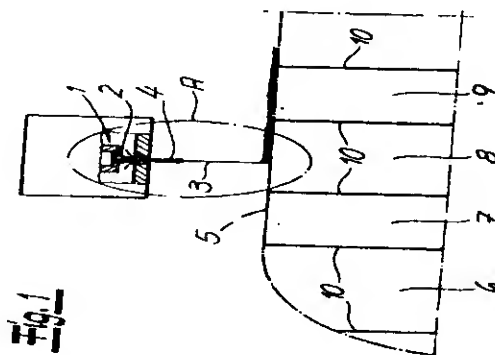
(22) Date of filing: 20/02/2003  
application

(54) Title of the Invention : "MELT BLOWN ARRANGEMENT"

<p>(51) International classification : D04H 3/16  (30) Priority Data :  (31) Document No. 02004616.5-2124  (32) Date : 28/022002  (33) Name of convention country : EPO  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant :  REIFENHAUSER GMBH &amp; CO.  MASCHINENFABRIK, OF SPICHER  STRASSE 46-48, 53839 TROISDORF,  GERMANY.    (72) Name of the Inventors :  1. BECKER AXEL,  2. SCHLAG HANS-PETER.</p>
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(57) Abstract :

Melt blown arrangement for the production of melt blown products, being provided with a nozzle releasing filaments, with a continuously movable deposit screen being arranged below the nozzle, onto which screen the filaments for the melt blown product can be deposited. A suctioning device for suctioning air through the deposit screen is provided at the deposit screen. In its longitudinal direction, the deposit screen is provided with several suctioning areas separated from one another. One of these suctioning areas is a primary suctioning area allocated to the deposit region. In the suctioning areas the suctioning speeds can each be adjusted independently from one another.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 100/KOL/2003 A

(22) Date of filing: 21/02/2003  
application

(54) Title of the Invention : "A PROCESS FOR PRODUCING KINEMA USING A PURE STARTER CULTURE"

<p>(51) International classification : A23L 1/20</p> <p>(30) Priority Data :</p> <p>(31) Document No.</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIKKIM GOVERNMENT COLLEGE, GANGTOK 737 102, SIKKIM.</p> <p>(72) Name of the Inventors : TAMAMNG J. P.</p>
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**(57)Abstract:**

***Kinema*** is a traditional fermented soybean food of the Eastern Himalayan regions. Pulverized starter using selected strain of *Bacillus subtilis* KK2:B10, previously isolated from traditionally prepared *kinema*, was developed for *kinema* production. *Kinema* prepared by *Bacillus subtilis* KK2:B10 strain was grown and harvested in soybean extract broth, was dried in an oven and grounded aseptically. The starter was added aseptically to steamed soybeans and fermented under 85% relative humidity to get *kinema*.

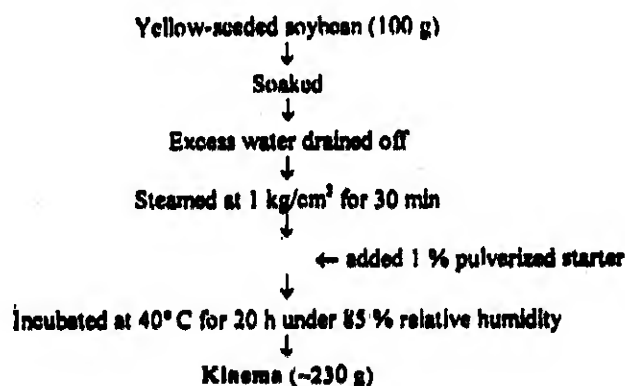


Fig 2. Flow sheet of *kinema* production using pulverized starter

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

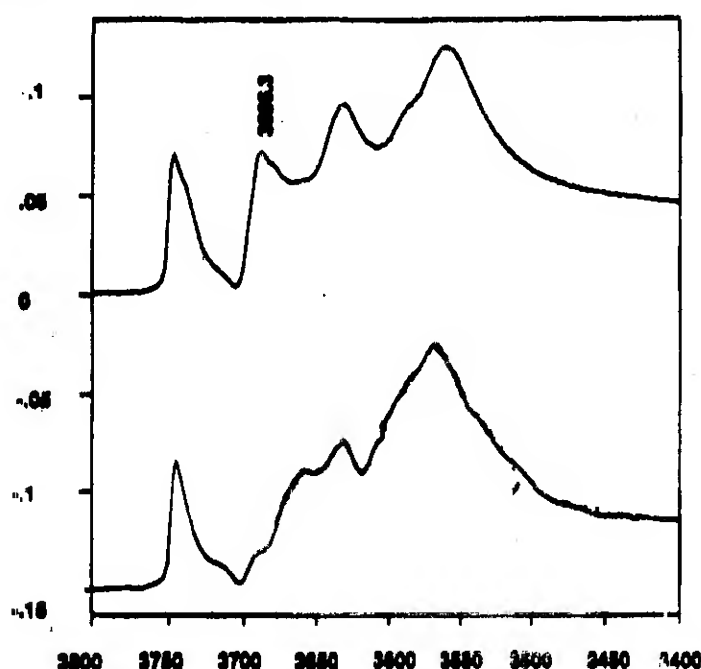
(21) Application No.101/KOL/2003 A

(22) Date of filing of : 21/02/2003  
application

(54) Title of the Invention : "A PROCESS FOR CATALYTICALLY CRACKING OIL FEEDSTOCK"

<p>(51) International classification : C10G 11/05  (30) Priority Data :  (31) Document No. 08/569810  (32) Date : 08/12/95  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :2091/CAL/96  (64) Filed on :04/12/96</p>	<p>(71) Name of the Applicant : ENGELHARD CORPORATION OF 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830, U.S.A.   (72) Name of the Inventors :  1. MADON ROSTAM J.,  2. MACAOAY JOHN M.</p>
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(57) Abstract : This invention relates to a process for catalytically cracking oil feedstock contaminated with at least one metal selected from the group consisting of nickel and vanadium wherein the catalyst is a phosphorus treated cracking catalyst containing less than 0.75% by weight of  $\text{Na}_2\text{O}$  comprising zeolite Y crystals in an inorganic oxide matrix wherein said phosphorus is added to said cracking catalyst in an amount of from 0.01 to 10wt% calculated as  $\text{P}_2\text{O}_5$  and said phosphorus treated cracking catalyst is calcined at a temperature of 1400-1650°F in absence of added steam wherein said catalyst is further characterised as containing less than 90% by weight spinel when prepared by in situ routes.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.102/KOL/2003 A

(22) Date of filing of : 24/02/2003  
application

(54) Title of the Invention : "ARRANGEMENT FOR THE CONTINUOUS PRODUCTION OF A FILAMENT NONWOVEN FIBROUS WEB"

(51) International classification : D01D  
5/088, 5/098

(30) Priority Data :

(31) Document No. 0204615.7

(32) Date : 28/02/2002

(33) Name of convention country : EPO

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant :

REIFENHAUSER GMBH & CO.

MASCHINENFABRIK, OF SPICHER

STRASSE 46-48. 53839 TROISDORF,

GERMANY.

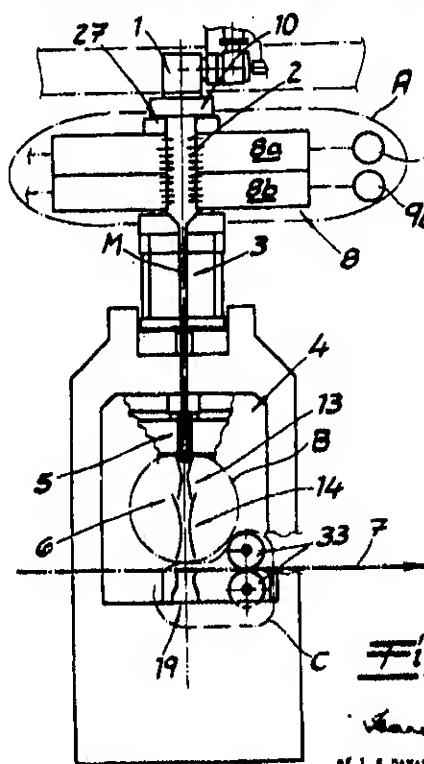
(72) Name of the Inventors :

1. HANS-GEORG GEUS,

2. DETLEF FREY,

3. PETER SCHLAG.

(57) Abstract : Arrangement for the continuous production of a non-woven fibrous web made from aerodynamically stretched filaments of thermoplastic plastics using a spinneret and a cooling chamber, into which processing air for cooling the filaments can be introduced from the air supply chamber. Furthermore, the arrangement is provided with a stretching unit having a lower draft channel and a deposit unit for depositing the filaments for the non-woven fibrous web. The air supply chamber adjacent to the cooling chamber is divided into at least two chamber sections, from which processing air with various temperatures can be introduced.





**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

**(21) Application No.104/KOL/2003 A**

**(22) Date of filing of : 24/02/2003  
application**

**(54) Title of the Invention : "A PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE  $\alpha$ -HALO- $\beta$ -HYDROXY CARBONYLS"**

<b>(51) International classification : C07C 45/45</b>	<b>(71) Name of the Applicant : INDIAN INSTITUTE OF TECHNOLOGY, AN INDIAN INSTITUTE OF KHARAGPUR 721302, WEST BENGAL, INDIA.</b>
<b>(30) Priority Data :</b>	
<b>(31) Document No.</b>	
<b>(32) Date :</b>	
<b>(33) Name of convention country :</b>	
<b>(66) Filed U/s 5(2) :NIL</b>	<b>(72) Name of the Inventors :</b>
<b>(61) Patent of addition to application No. NA</b>	1. HAJRA, SAUMEN DR.,
<b>(62) Filed on :NA</b>	2. KARMAKAR, ANANTA,
<b>(63) Divisional to Application No. :NIL</b>	3. BHOWMIK, MANISHABRATA.
<b>(64) Filed on :NA</b>	

**(57) Abstract :** This invention provides a process for the preparation of optically active carboxyhalohydrins by the asymmetric halohydrien reaction of chiral  $\alpha$ ,  $\beta$  unsaturated carboxylic acid derivatives in aqueous media.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.105/KOL/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "CIRCULATORY-ORGAN EVALUATING APPARATUS"

(51) International classification : A61B 5/02

(30) Priority Data :

(31) Document No. 2002-180370

(32) Date : 20/06/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN

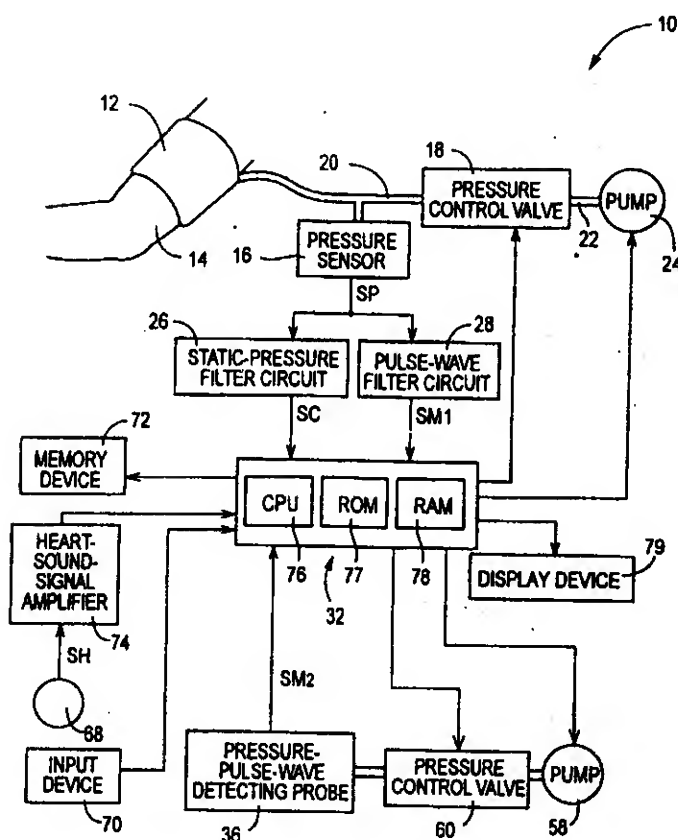
(72) Name of the Inventors :

1. NARIMATSU KIIYOYUKI,

2. OGURA TOSHIHIKO,

3. TAMPO AKIRA.

(57) Abstract : A circulatory-organ evaluating apparatus (10) for evaluating a circulatory organ of a living subject, comprising a display device (79); and a control device (32, 94) which controls the display device to simultaneously and graphically display a blood pressure, an augmentation index and pulse-wave-velocity-related information of the subject.



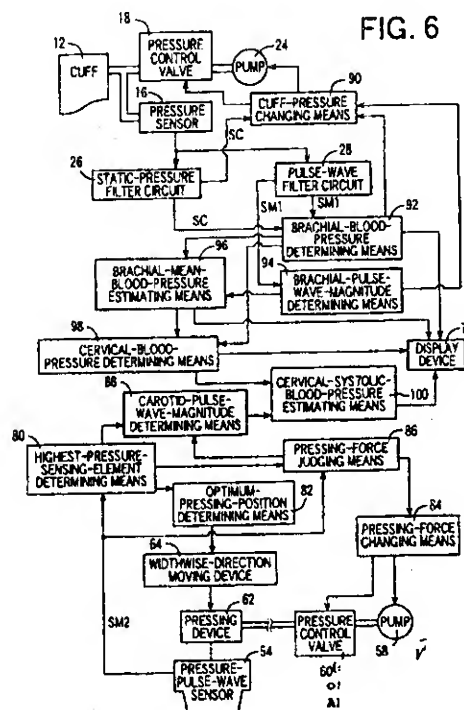
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(22) **Date of filing of : 25/02/2003  
application**

(51) International classification : A61B 5/02  
(30) Priority Data :  
(31) Document No. 2002-180368  
(32) Date : 20/06/2002  
(33) Name of convention country : JAPAN  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NA  
(64) Filed on :NA

(72) Name of the Inventors :  
1. NARIMATSU KIIYOYUKI,  
2. TAMPO AKIRA  
3. OGURA TOSHIHIKO.

A blood-pressure estimating apparatus (10), comprising a pulse-wave detecting device (12, 16, 18, 24, 28, 90) which detects a pulse wave from a portion of a living subject; a blood-pressure measuring device (12, 18, 16, 24, 26, 28, 90, 92) which includes an inflatable cuff (12) adapted to be worn on the portion of the subject and measures, with the cuff, a diastolic blood pressure and a systolic blood pressure of the portion of the subject; and a mean-blood-pressure estimating means (94, 96) for converting, based on a minimum magnitude and a maximum magnitude of the pulse wave detected by the pulse-wave detecting device and the diastolic and systolic blood pressure measured by the blood-pressure measuring device, a magnitude of a gravity center of an area defined by the pulse wave into an estimated mean blood pressure of the portion of the subject.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.107/KOL/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "MEDICAL-INFORMATION PROVIDING APPARATUS AND PORTABLE TELEPHONE"

(51) International classification : A61B 5/00, 5/0205

(30) Priority Data :

(31) Document No. 2002-208008

(32) Date : 17/07/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

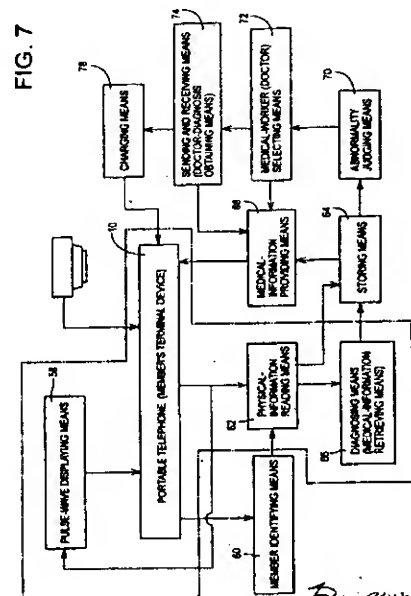
(64) Filed on :NA

(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN

(72) Name of the Inventors :  
SHINODA MASA YUKI

(57) Abstract :

A medical-information providing apparatus comprising a physical-information sensor (40) which is directly or indirectly connectable to a portable telephone (10) operable by a registered member, and obtains physical information from the registered member; a memory device (28, 64) to which the portable telephone is connectable via a communication line (16) and which stores, for the registered member, the physical information obtained by the physical-information sensor; and a medical-information providing device (68) which provides, to the portable telephone operated by the registered member, medical information corresponding to the physical information stored for the registered member by the memory device.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

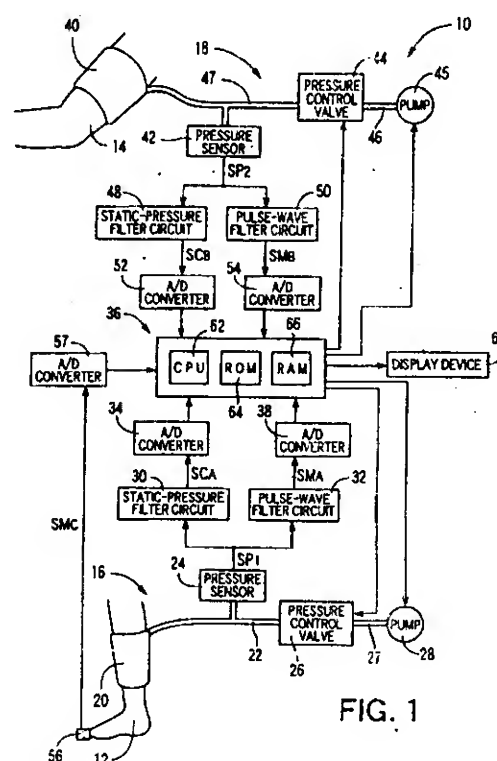
(21) Application No.108/KOL/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "ARTERIOSTENOSIS INSPECTING APPARATUS AND ANKLE-BLOOD-PRESSURE MEASURING APPARATUS"

(57) Abstract :

An ankle-blood-pressure measuring apparatus (10) for measuring a blood pressure of an ankle (12) of a living subject, comprising an inflatable cuff (20) which is adapted to be worn on the ankle of the subject; a cuff-pressure changing device (24, 26, 28, 30, 70) which decreases a pressure in the cuff from a pressure higher than a systolic blood pressure of the ankle; a distal-pulse-wave detecting device (56) which is adapted to be worn on a distal portion of the subject that is located on a distal side of the ankle and detects a distal pulse wave produced from the distal portion; an increasing-point detecting means (72, 74, 76) for detecting at least one increasing point where a magnitude of the distal pulse wave continuously detected by the distal-pulse-wave detecting device when the pressure of the cuff is decreased by the cuff-pressure changing device, significantly increases; and an ankle-blood-pressure determining device (24, 30, 32, 78) which determines a pressure of the cuff when the increasing-point detecting means detects the second increasing point, as a systolic blood pressure of one of a plurality of tibial arteries of the ankle of the subject that has stenosis.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.109/KOL/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "METHOD FOR PREPARING IRON OXIDES"

(51) International classification : C01G 49/00	(71) Name of the Applicant : SUD CHEMIE
(30) Priority Data :	MT S. R. L., LIMITED LIABILITY
(31) Document No. MI2000A000567	COMPANY, VIA CORNAGGIA 10, 20123
(32) Date : 18/03/2002	MILANO, ITALY.
(33) Name of convention country : ITALY	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. ESTERINO CONCA,
(62) Filed on :NA	2. CARLO RUBINI,
(63) Divisional to Application No. :NA	3. GUIDO PETRINI.
(64) Filed on :NA	

(57) Abstract :

Highly pure iron oxides are prepared by reaction of metallic iron, in the form of microspheroidal particles or of scraps or cuttings, with an agitated aqueous solution of a mono- or polycarboxylic acid with a pKa of 0.5 to 6 relative to the first carboxyl and capable of decomposing, by heating in air at 200 to 350 °C, to carbon dioxide and water, using 0.03 to 1.5 moles of acid per g-atoms of iron, a water/iron weight ration of 1 to 20, and by oxidation of the ferrous carboxilate to ferric salt, with an agent selected from oxygen, mixtures containing oxygen, hydrogen peroxide, organic peroxides and hydroperoxides.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.110/KOL/2003 A

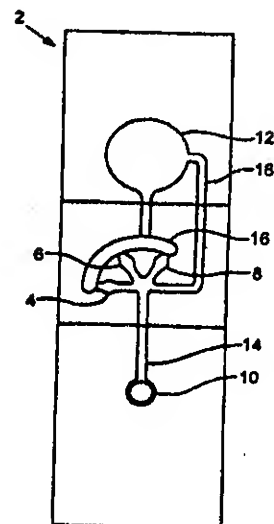
(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "TEST STRIP QUALIFICATION SYSTEM"

<p>(51) International classification : G01N 31/00, 33/86</p> <p>(30) Priority Data :</p> <p>(31) Document No. 10/100, 254</p> <p>(32) Date : 14/03/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NA</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A.</p> <p>(72) Name of the Inventors : 1. PATEL, HARSHAD, 2. WITT, JAMES.</p>
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(57) Abstract :

In connection with a fluidic medical diagnostic device that permits measurement of the coagulation time of blood, software, methods and associated devices for quality control are disclosed. The fluidic device preferably comprises a test strip with one end having a sample port for introducing a sample and a bladder at the other end for drawing the sample to a measurement area. A channel carries sample from the sample port to an assay measurement area and first and second control measurement areas. Preferably a stop junction, between the measurement areas and bladder, halts the sample flow for measurement. If results from measurements taken for each control fall within a predetermined zone or defined limits, the assay measurement is qualified. If not, an error is registered and the test strip is counted as unfit.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.111/KOL/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "DIRECT IMMUNOSENSOR ASSAY"

(51) International classification : G01N27/00,  
33/549, 33/593

(30) Priority Data :

(31) Document No. 10/105, 050

(32) Date : 21/03/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

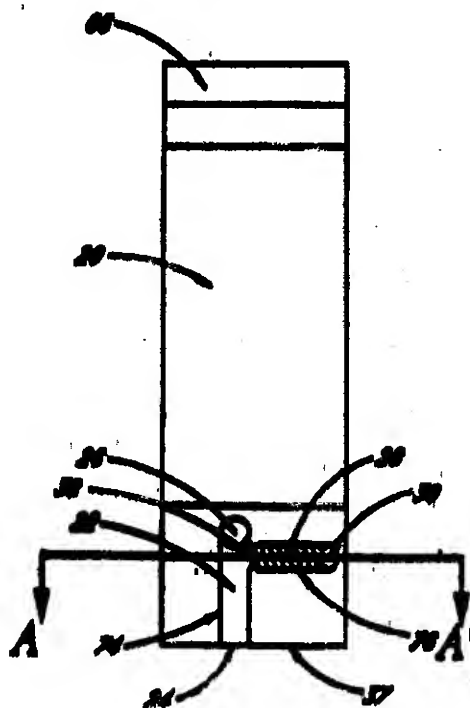
(64) Filed on :NA

(71) Name of the Applicant : LIFESCAN,  
INC., OF 1000 GIBRALTAR DRIVE,  
MILPITAS, CALIFORNIA 95035-6312,  
U.S.A.

(72) Name of the Inventors :

1. ALASTAIR HODGES,  
2. RONALD CHATELIER.

(57) Abstract : This invention describes a quantitative, in expensive, disposable immunosensor that requires no wash steps and thus generates no liquid waste. Moreover, in preferred embodiments of the sensor no timing steps are required of the user, and the sensor can be readily adapted to antigen-antibody interactions over a wide kinetic range.



**FIG. 1**



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.112/KOL/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "TEST STRIP QUALIFICATION SYSTEM"

<p>(51) International classification : G01N 31/00, 33/86</p> <p>(30) Priority Data :</p> <p>(31) Document No. 10/100, 531</p> <p>(32) Date : 14/03/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NA</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A.</p> <p>(72) Name of the Inventors : PATEL, HARSHAD,</p>
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(57) Abstract :

In connection with a fluidic medical diagnostic device that permits measurement of the coagulation time of blood, software, methods and associated devices for quality control are disclosed. The fluidic device preferably comprises a test strip with one end having a sample port for introducing a sample and a bladder at the other end for drawing the sample to a measurement area. A channel carries sample from the sample port to an assay measurement area and first and second control measurement areas. Preferably a stop junction, between the measurement areas and bladder, halts the sample flow for measurement. If results from measurements taken for each control fall within a predetermined zone or defined limits, the assay measurement is qualified. If not, an error is registered and the test strip is counted as unfit.

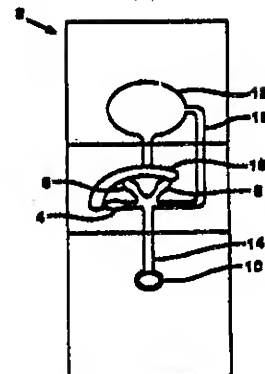


FIG. 1A

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 116/KOL/2003 A

(22) Date of filing of : 26/02/2003  
application

(54) Title of the Invention : "OIL PUMP ROTOR"

(51) International classification : F04C 2/10

(30) Priority Data :

(31) Document No. 2002-056476 & 2002-056478

(32) Date : 01/03/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : MITSUBISHI MATERIALS CORPORATION, OF 5-1, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

(72) Name of the Inventors :  
HOSONO KATSUAKI.

**(57) Abstract :**

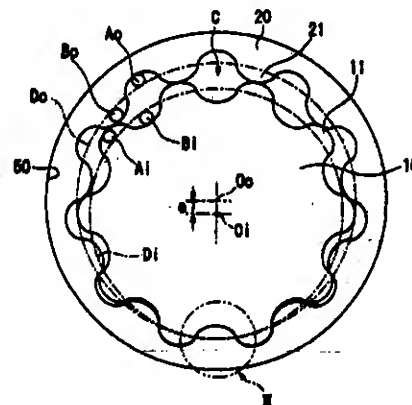
An oil pump rotor assembly comprises an inner rotor (10) having external teeth (11); engageable with inner teeth of an outer rotor (20); wherein the tooth profiles and tooth space profiles of the inner rotor (10) are formed using curves which are formed by rolling a first circumscribed-rolling circle (A1) and a first inscribed-rolling circle (B1) along a base circle (D1) respectively, and the tooth profiles and tooth space profiles of the outer rotor (20) are formed using an cycloid curves which are formed by rolling a second circumscribed-rolling circle (A0) and a second inscribed-rolling circle (B0) along a base circle (D0) respectively, and the inner rotor (10) and the outer rotor (20) are formed to satisfy the following equations:

$$eB_0 = eB_1;$$

$$eD_0 = eD_1 \cdot (n+1) / n + t(n+1) / (n+2); \text{ and}$$

$$eA_0 = eA_1 + t / (n+2),$$

where  $eD_1$  and  $eD_0$  are the diameters of the base circles of the rotors (10 and 20),  $eA_1$  and  $eA_0$  are the diameters of the first and second circumscribed-rolling circles (A1 and A0),  $eB_1$  and  $eB_0$  are the diameters of the first and second inscribed-rolling circles (B1 and B0), and  $t$  ( $\neq 0$ ) is gap between the tooth tips of the rotors (10 and 20)



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 117/KOL/2003 A

(22) Date of filing of : 26/02/2003  
application

(54) Title of the Invention : "AN OPTICAL DATA STORAGE MEDIUM"

<p>(51) International classification : G11B 27/31, 27/34</p> <p>(30) Priority Data :</p> <p>(31) Document No. 98-23487 &amp; 98-30753</p> <p>(32) Date : 22/06/98 &amp; 29/07/98</p> <p>(33) Name of convention country : REPUBLIC OF KOREA</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :567/CAL/99</p> <p>(64) Filed on :22/06/1999</p>	<p>(71) Name of the Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA.</p> <p>(72) Name of the Inventors : 1. MOON SEONG JIN, 2. OH YOUNG NAM, 3. CHUNG TAE YUN, 4. KANG JUNG SUK, 5. PARK PAN GIE</p>
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(57) Abstract : There is disclosed an optical data storage medium for storing contents, comprising:  
formatted information for the contents ; and  
manufacturer information comprising identification information of a recording apparatus that generated or modified the contents and order information concerning modification of the contents.

**FIG. 1**

VOLUME & FILE STRUCTURE	USED BLOCK #3	USED BLOCK #1	USED BLOCK #2
VOLUME SPACE			

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 118/KOL/2003 A

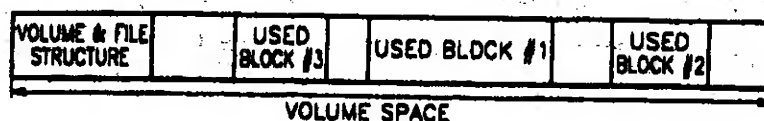
(22) Date of filing of : 26/02/2003  
application

(54) Title of the Invention : "A METHOD OF RECORDING AND/OR EDITING CONTENT ON A DATA RECORDING MEDIUM"

<p>(51) International classification : G11B 27/31, 27/34</p> <p>(30) Priority Data :</p> <p>(31) Document No. 98-23487 &amp; 98-30753</p> <p>(32) Date : 22/06/98 &amp; 29/07/98</p> <p>(33) Name of convention country : REPUBLIC OF KOREA</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :567/CAL/99</p> <p>(64) Filed on :22/06/1999</p>	<p>(71) Name of the Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA.</p> <p>(72) Name of the Inventors : 1. MOON SEONG JIN, 2. OH YOUNG NAM, 3. CHUNG TAE YUN, 4. KANG JUNG SUK, 5. PARK PAN GIE</p>
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**Abstract :** There is disclosed a method of recording and/or editing content on a data recording medium, comprising recording an identification information of a manufacturer of a recording apparatus that recorded or modified the content of the recording medium different from the identification information prior to the recording or the modification.

**FIG. 1**



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 120/KOL/2003 A

(22) Date of filing of : 27/02/2003  
application

(54) Title of the Invention : "ADD ON-GROUND PLANE ANTENNA FOR MOBILE TELEPHONE/RADIO APPLICATION"

(51) International classification : H04B 15/00  
(30) Priority Data :  
(31) Document No.  
(32) Date :  
(33) Name of convention country :  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NIL  
(64) Filed on :NA

(71) Name of the Applicant : PINAKI CHAKRABORTY, C/O. ANIL KR. CHAKRABORTY, P.O. MATELLI, DT. JALPAIGURI, PIN - 735223.

(72) Name of the Inventors :  
PINAKI CHAKRABORTY

(57) Abstract :

An object of the present invention is to provide and improved, efficient and simple coneshaped ground plane to the existing antenna of the mobile to improve/boost the sensitivity and bandwidth of the mobile which was not possible by the prior art or design.

With the above and other objects in view, a feature of the present invention is the provision of a coneshaped ground plane antenna assembly comprising the printed strip or microstrip lines



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 121/KOL/2003 A

(22) Date of filing of : 27/02/2003  
application

(54) Title of the Invention : "HEALTH AND HYGIENE SENSOR"

(51) International classification : G01N  
27/327

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : CALCUTTA  
UNIVERSITY, A REGISTERED  
EDUCATIONAL & RESEARCH BODY, 92,  
ACHARYA PRAFFULA CHANDRA ROAD,  
CALCUTTA - 700 009, WEST BENGAL,  
INDIA.

(72) Name of the Inventors :  
DR. PRIYOBRATA SARKAR.

(57) Abstract : There is proposed a bio-sensor screen printed electrode for testing the average levels of dusts/allergens in environment comprising :

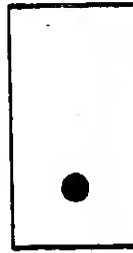
- (i) a screen-printed electrode made of a working electrode made of 5% rhodinised carbon.
- (ii) a reference electrode of 15% Ag/AgCl.
- (iii) and a counter electrode made of carbon formed on a polyester sheet.



(a)



(b)



(c)



(d)

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

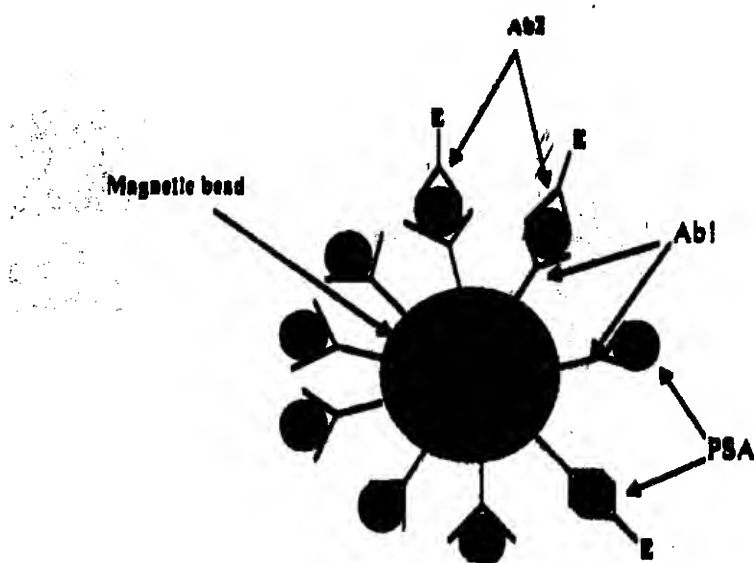
(21) Application No. 122/KOL/2003 A

(22) Date of filing of : 27/02/2003  
application

(54) Title of the Invention : "DISPOSABLE PSA SENSOR"

<p>(51) International classification : G01N 27/327</p> <p>(30) Priority Data :</p> <p>(31) Document No.</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NA</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : CALCUTTA UNIVERSITY, A REGISTERED EDUCATIONAL &amp; RESEARCH BODY, 92, ACHARYA PRAFFULA CHANDRA ROAD, CALCUTTA - 700 009, WEST BENGAL, INDIA.</p> <p>(72) Name of the Inventors : DR. PRIYOBRATA SARKAR.</p>
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(57) Abstract : There is proposed an improved screen-printed electrode having a reference (RE), counter (CE) and working electrodes (WE) of particular design on polyester sheet.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 126/KOL/2003 A

(22) Date of filing of : 27/02/2003  
application

(54) Title of the Invention : "CARTRIDGE CONTAINING A SINGLE SERVING OF A PARTICULATE SUBSTANCE FOR PREPARING A BEVERAGE"

(51) International classification : A47J  
31/40, B65D 81/00

(30) Priority Data :

(31) Document No. 102 11 327.0

(32) Date : 14/03/2002

(33) Name of convention country :  
GERMANY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

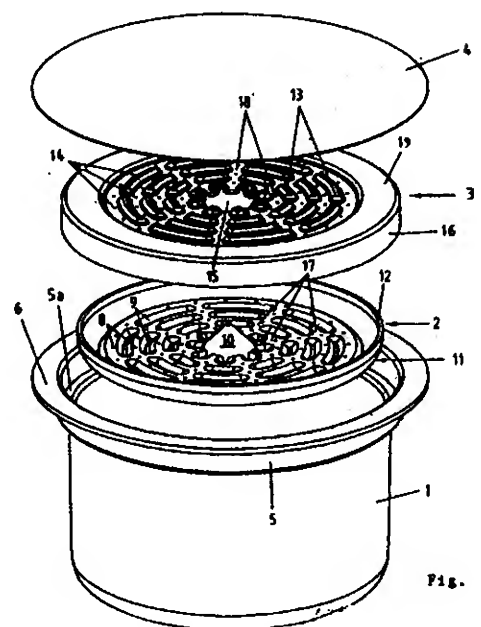
(64) Filed on :NA

(71) Name of the Applicant : SCHIFFERLE  
RENE, OF AARETALSTRASSE 11, CH-  
5312 DOETTINGEN, SWITZERLAND.

(72) Name of the Inventors :  
SCHIFFERLE RENE

(57) Abstract :

A cartridge containing a single serving of a particulate substance extractable by means of water for preparing a beverage, preferably an espresso coffee beverage is disclosed. Between the bottom of the cartridge and the particulate substance as well as between the particulate substance and the cover of the cartridge, in each case a fluid director member is provided, having a plurality of small openings. The one close to the cover serves as a water distribution member for distributing the water, fed into the cartridge through a central opening pierced therein, evenly over the particulate substance, and the one close to the bottom serves as a beverage collection member to lead the beverage to a central opening pierced into the bottom of the cartridge. Both director members are provided with a recess directed towards the interior of the cartridge, allowing the penetration of a piercing member without damage to the director members.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 128/KOL/2003 A

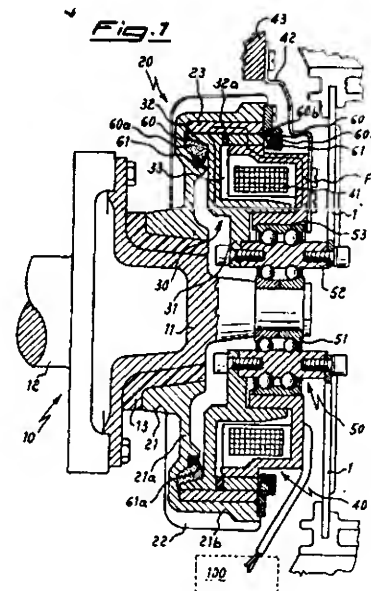
(22) Date of filing of : 28/02/2003  
application

(54) Title of the Invention : "DEVICE FOR TRANSMITTING THE MOTIVE POWER TO FANS OF VEHICLES WITH A MAGNETIC-POWDER ENGAGEMENT COUPLING"

<p>(51) International classification : F01P 7/04, 7/08  (30) Priority Data :  (31) Document No. MI2002A000466  (32) Date : 06/03/2002  (33) Name of convention country : ITALY  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NA  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : BARUFFALDI S.P.A., OF VIA CESARE BATTISTI, 6, SAN DONATO MILANESE, MI ITALY.   (72) Name of the Inventors :  1. BOFFELLI PIERACARLO,  2. BELLOTTI CLAUDIO,  3. NATALE FABIO,  4. DEPOLI ERMINIO.</p>
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(57) Abstract :

Device for transmitting the motive power to fans (1) for cooling the coolant in vehicles and the like, which comprises means (11;111) for supporting the device, means (12;112) for generating the power, means (20) for transmitting the power, at least one rotor (30) connected to the fan (1), at least one coupling engaging the rotor (30) with the means (20) for transmitting the power and at least one device (41) for generating an adjustable magnetic field, wherein the engagement coupling is of the type comprising magnetic powders (60a).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 130/KOL/2003 A

(22) Date of filing of : 28/02/2003  
application

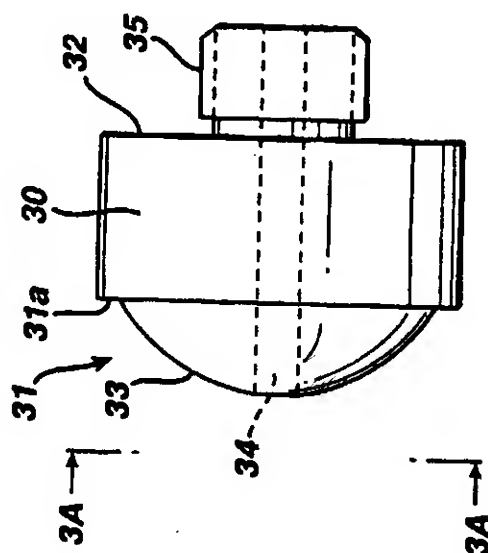
(54) Title of the Invention : "RIGID VACUUM TIP"

(51) International classification : B23P 19/00  
(30) Priority Data :  
(31) Document No. 10/084895  
(32) Date : 28/02/2002  
(33) Name of convention country : U.S.A.  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NA  
(64) Filed on : NA

(71) Name of the Applicant : JOHNSON &  
JOHNSON VISION CARE INC., OF 7500  
CENTURION PARKWAY, SUITE 100,  
JACKSONVILLE, FLORIDA 32256, U.S.A.

(72) Name of the Inventors :  
1. PARNELL PHILLIP KING,  
2. ANSELL SCOTT FREDERICK,  
3. LITWIN MICHAEL WILLIAM,  
4. BERCKMILLER GREGORY L.,  
5. FREEMAN TIMOTHY PATRICK,  
6. FOX RICHARD JOHN.

(57) Abstract : The invention is transfer tip, system and process for handling injection molded ophthalmic lens molds. The transfer tip is substantially rigid and in one embodiment has an outer surface that has a shape complementary to the shape of the lens mold being handled.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 131/KOL/2003 A

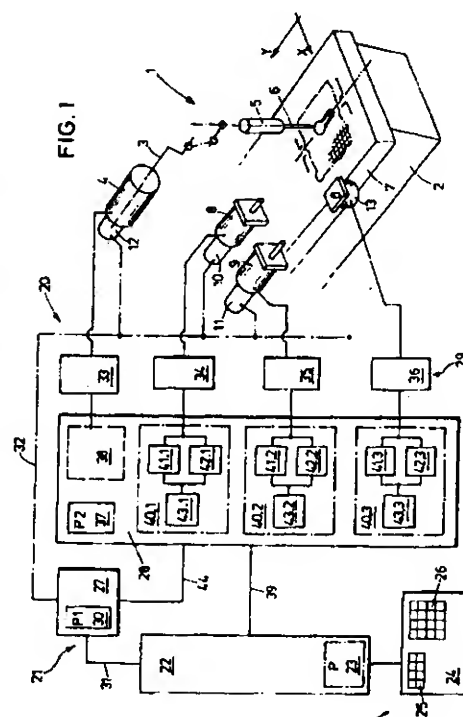
(22) Date of filing of : 28/02/2003  
application

(54) Title of the Invention : "MICROPROCESSOR-ASSISTED SEWING MACHINE CONTROL EQUIPMENT"

<p>(51) International classification : D05B 21/00  (30) Priority Data :  (31) Document No. 102 09 317.2  (32) Date : 02/03/2002  (33) Name of convention country : GERMANY  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NA  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DURKOPP ADLER AKTIENGESELLSCHAFT, OF POTSDAMER STRASSE 190, D-33719 BIELEFELD, GERMANY.   (72) Name of the Inventors :  1. MEYER BERND,  2. HOSAGASI SEVKI,  3. CRAMER ANDREE,  4. SEIBERT HORST.</p>
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(57) Abstract :

A microprocessor-assisted sewing machine control equipment is flexibly applicable for controlling the sewing machine driving motor and further electric motors which are controlled independently of or in dependence on the rotary position. To this end, a control system is allocated to each electric motor, comprising an open-loop control unit for rotary-position-independent controlling, a closed-loop control unit for controlling the electric motor in dependence on the rotary position, and a selection unit. The selection unit couples for control either the closed-loop control unit or the open-loop control unit with the electric motor, depending on whether the electric motor is controlled by closed-loop control in dependence on the rotary position or by open-loop control independently of the rotary position.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.130/KOL-NP/2003 A

(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR PRODUCING BOARD AND A BOARD PRODUCT"

(51) International classification : B31F 1/20,  
B32B 29/08

(30) Priority Data :

(31) Document No. 20001799

(32) Date : 15/08/2000

(33) Name of convention country :FINLAND

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

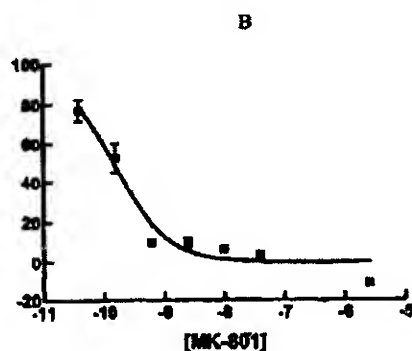
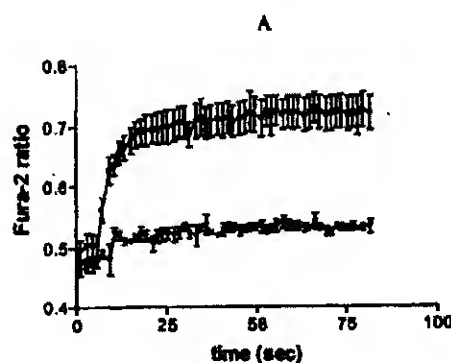
(71) Name of the Applicant : M-REAL OYJ,  
OF REVONTULENTIE 6, FIN - 02100,  
ESPOO, FINLAND.

(72) Name of the Inventors :

1. MATTILA JORMA,

2. SUKSI HANNU.

(57) Abstract : A method is disclosed for producing a multilayer paperboard product, as well as an assembly suited for implementing the method and a paperboard manufactured according to the method, whereby the paperboard is made from at least two, advantageously three layers (4, 5, 6) bonded to each other by gluing, and the material of the middle layer (5) is subjected to mechanical working in a dry state (8) so as to deform the material prior to gluing through pressing thereon desired pattern that is raised from the surface of the material (5). The layers (4, 5, 6) are bonded to each other in a single step (7). The method is capable of providing a strong paperboard that uses less fiber than prior-art paperboards of equal thickness and strength.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.132/KOL-NP/2003 A (22) Date of filing of : 03/02/2003  
application  
(54) Title of the Invention : "SYNTHESIS OF ORGANOTIN OXIDES"

(51) International classification : C07F 7/22 (30) Priority Data : (31) Document No. 09/631, 025 & 09/785, 333 (32) Date : 02/08/2000 & 20/02/2001 (33) Name of convention country :U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HAMMOND GROUP, INC., OF 1414 FIELD STREET, HAMMOND, INDIANA 46320, U.S.A.  (72) Name of the Inventors : GROSSMAN RICHARD F.
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(57) Abstract : Organotin oxides are synthesized by reacting powdered tin metal with an alcohol at elevated temperatures on the order of about 200-400°C. Monoalkyltin, dialkyltin and trialkyltin oxides are produced in quantitative yields according to the method.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.134/KOL-NP/2003 A

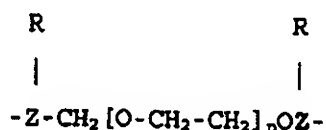
(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "USE OF AMPHIPHILIC POLYMERS OR COPOLYMERS FOR SURFACE MODIFICATION OF REACTIVE INORGANIC FILLERS"

<p>(51) International classification : C08G 12/42, B32B 5/16</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 38 147.2 &amp; 100 64 240.3</p> <p>(32) Date : 04/08/2000 &amp; 22/12/2000</p> <p>(33) Name of convention country :DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SUD-CHEMIE AG, LENBACHPLATZ 6 D-80333 MUNCHEN, GERMANY.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. ALAN LAWRENCE STEINMETZ,</li> <li>2. DR. NORBERT SCHALL,</li> <li>3. DR. KLAUS DZIWOK,</li> <li>4. DR. HELMUT COUTELLE,</li> <li>5. WOLFGANG SIMON,</li> <li>6. DR. HUBERT SCHIESSLING,</li> <li>7. DR. STEFAN DICK,</li> <li>8. DR. INGE KRAMER.</li> </ol>
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(57) Abstract :

Surface-modified fillers are described characterized by the fact that the fillers represent reactive inorganic fillers and the modifying agent represents an amphiphilic aminoplastic-ether polymer or copolymer of the structural type



in which:

Z denotes the same or different aminoplastic central units based on melamine-formaldehyde or urea-formaldehyde derivatives;

n = 10 to 500;

R denotes the group  $-\text{[O}-\text{CH}_2-\text{CH}_2]_m\text{O}-\text{S}$

in which m = 5 to 500 and

S represents a substituted or unsubstituted alkyl, aryl, alkaryl or aralkyl group.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.135/KOL-NP/2003 A

(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "A POLYMER COMPOSITION AND A MOULDED BODY PRODUCED THEREFROM CONTAINING AN ALKALOID"

<p>(51) International classification : C08K 5/00, 5/20, A61L 15/28, A41D 31/00, D01F 2/00, 1/10</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 37 983.4</p> <p>(32) Date : 03/08/2000</p> <p>(33) Name of convention country :DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : ZIMMER AKTIENGESELLSCHAFT, BORSIGALLEE 1, 60388 FRANKFURT, MAIN GERMANY.</p> <p>(72) Name of the Inventors : STEFAN ZIKELI</p>
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(57) Abstract : The method in accordance with the invention relates to a polymer composition, comprising a biodegradable polymer and at least one alkaloid or at least one material containing at least one alkaloid.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

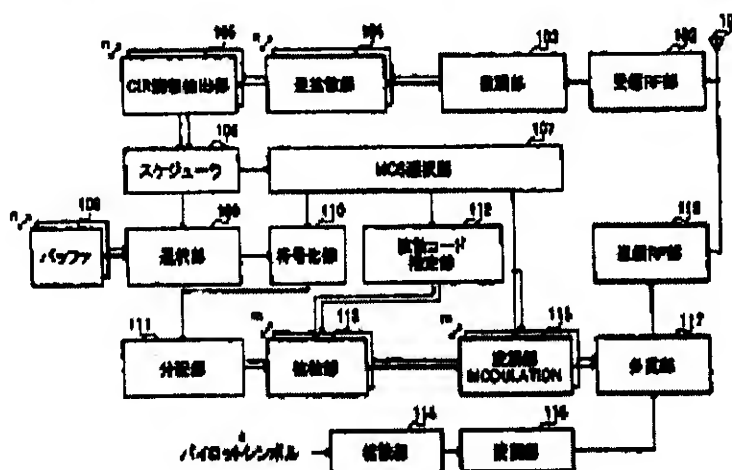
(21) Application No.136/KOL-NP/2003 A

(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "RADIO TRANSMISSION APPARATUS AND RADIO RECEPTION APPARATUS"

<p>(51) International classification : H04J 13/00  (30) Priority Data :  (31) Document No. 2001-195473  (32) Date : 27/06/2001  (33) Name of convention country :JP  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006 OAZA-KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN.   (72) Name of the Inventors : MIYOSHI KENICHI.</p>
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(57) Abstract : A radio transmission apparatus capable of preventing a reduction of the capacity of a downlink and preventing an increase of interference inside or outside a cell involved in transmission of MCS information. In this radio transmission apparatus, the spreading code specification section 112 specifies combinations of spreading codes that will express MCS numbers. For example, of the spreading code specification section 112 specifies 7 codes out of spreading codes # 1 to #8. That is, if the selected MCS number is #1, the spreading code specification section 112 specifies spreading codes #2 to # 8 and does not specify spreading code #1. This allows combinations of spreading codes to carry information on MCS # 1 to #8. Since power corresponding to unused spreading codes is not detected through power detection of a dispread signal on the receiving side, the spreading code number can be determined as the MCS number.



- 100...CIN INFORMATION SAVING BLOCK  
101...SPREADING BLOCK  
102...MODULATING BLOCK  
103...RECEPTION OF BLOCK  
104...SCHEDULE  
105...MCS SELECTING BLOCK  
106...BUFFER  
107...SELECTING BLOCK  
114...RECEIVING BLOCK  
115...RECEIVING AND DEMODULATING BLOCK  
116...TRANSMISSION OF BLOCK  
117...DISTRIBUTING BLOCK  
118...SPREADING BLOCK  
119...MODULATING BLOCK  
120...MULTIPLEXING BLOCK  
121...PILOT SIGNAL  
122...RECEIVING BLOCK  
123...MODULATING BLOCK



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.138/KOL-NP/2003 A

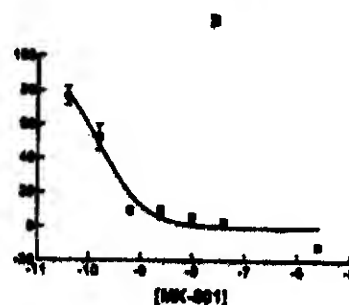
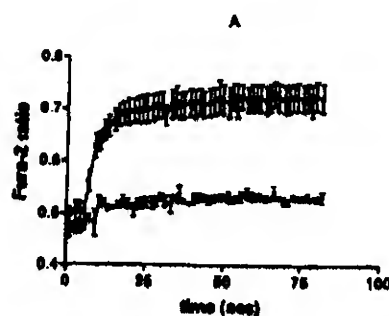
(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "2-PYRIDINAMINE COMPOSITIONS AND RELATED METHODS"

<p>(51) International classification : A61K 31/44 (30) Priority Data : (31) Document No. 60/223, 705 (32) Date : 08/08/2000 (33) Name of convention country :U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ORTHO-MCNEIL PHARMACEUTICAL, INC., U.S. ROUTE 202, RARITAN, NJ 08869 U.S.A.  (72) Name of the Inventors : 1. GRANT, ELFRIDA, R., 2. BROWN, FRANK, K., 3. ZIVIN, ROBERT, ALLAN, 4. MCMILLAN, MICHAEL, 5. ZHONG, ZHONG, 6. BENJAMIN, DANIEL.</p>
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**(57) Abstract :**

This invention provides neuroprotective pharmaceutical compositions comprising 2-pyridinamines. This invention also provides methods of using these compositions to prevent ischemic cell death, particularly neuronal cell death, and reduce the likelihood of neuronal cell death in a subject due to a traumatic event. Finally, this invention provides an apparatus for administering to a subject the instant pharmaceutical compositions.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

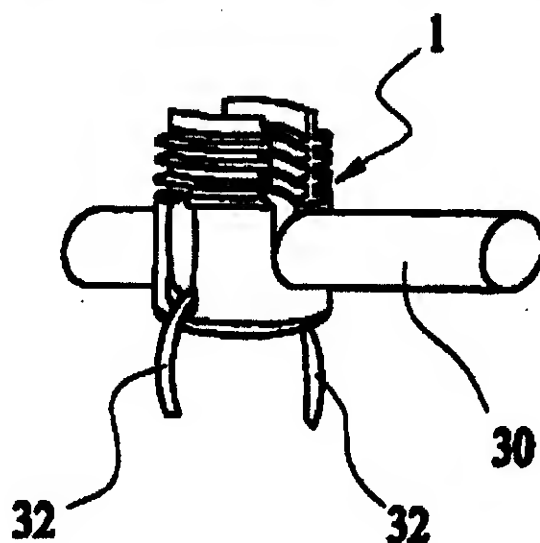
(21) Application No.139/KOL-NP/2003 A

(22) Date of filing of : 03/02/2003  
application

(54) Title of the Invention : "SURGICAL FIXINGS"

<p>(51) International classification : A61B 17/70 (30) Priority Data : (31) Document No. 0018826.8 (32) Date : 02/08/2000 (33) Name of convention country :GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DEPUTY INTERNATIONAL LIMITED, ST ANTHONY'S ROAD, BEESTON, LEEDS, LS11 8DT, UNITED KINGDOM.  (72) Name of the Inventors : 1. BURGESS, IAN CHARLES, 2. TAN, SEANG BENG.</p>
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(57) Abstract : The invention provides an improved spinal fixing particularly suited for fixing by wires to the spine so as to provide a number of fixing locations for a support member or rod which extends along the spine. In particular, the fixing is in the form of a flat white cylinder base with two upright elements extending therefrom so as to define a channel between them. The channel has parallel sides in its upper portion, and a semi-circular profile in its lower portion, with the channel extending through the fastener from one side to the other. A slot for receiving a wire for fixing to the spine is provided perpendicular to the slot. The fixing is easier to fix and re-tension compared with prior art techniques.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

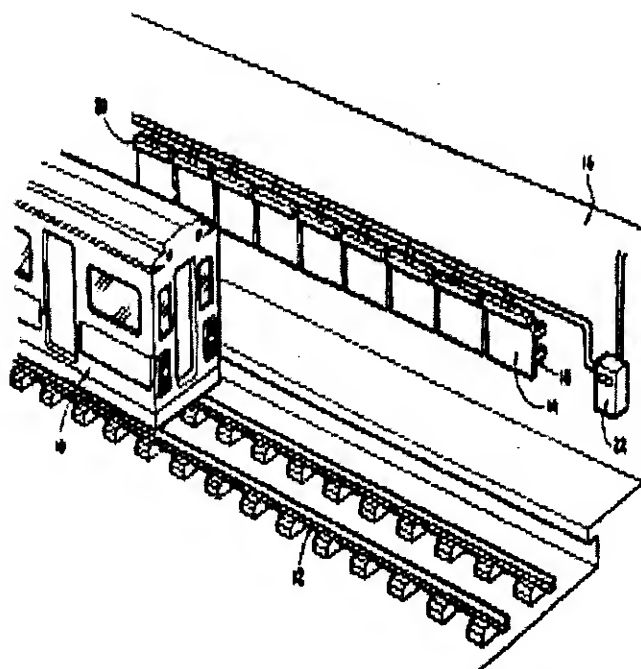
(21) Application No.140/KOL-NP/2003 A

(22) Date of filing of : 04/02/2003  
application

(54) Title of the Invention : "SUBWAY MOVIE/ENTERTAINMENT MEDIUM"

<p>(51) International classification : G09F 19/22  (30) Priority Data :  (31) Document No. 2,314,281  (32) Date : 06/07/2000  (33) Name of convention country : CANADA  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : SIDETRACK TECHNOLOGIES INC., OF 11 EAGLEMERE DRIVE, WINNIPEG, MANITOBA R2K 4K5, CANADA.  (72) Name of the Inventors :  1. WALKER ROBERT,  2. CARUK BRADLEY.</p>
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(57) Abstract : A system displays a collection of stationary images as a motion picture to passengers travelling in a vehicle along a pathway. The vehicle moves at a known speed and known distance from the images. The system includes an image illumination system including stroboscopic lighting for each image. The images, placed in parallel along the walls of the pathway of the vehicle, are adapted in number, size, and spacing for a vehicle travelling at the known speed and at the known distance from images on one or both sides of the vehicle such as to maintain an approximately constant viewing rate and perceived size of the images. The system includes mounting mechanisms for positioning each image vertically and at a constant distance from the train regardless of unevenness in wall contour. Glare due to interior lighting in the vehicle is reduced or eliminated by selecting the appropriate illumination intensity for the stroboscopic lighting.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

**(21) Application No. 142/KOL-NP/2003 A**

**(22) Date of filing of : 04/02/2003  
application**

**(54) Title of the Invention : "METHOD AND APPARATUS FOR SEQUESTERING  
ENTRAINED AND VOLATILE CATALYST SPECIES IN A CARBONYLATION PROCESS"**

**(51) International classification : C07C  
51/12, 51/47, 53/08**

**(30) Priority Data :**

**(31) Document No. 09/645, 642**

**(32) Date : 24/08/2000**

**(33) Name of convention country : U.S.A.**

**(66) Filed U/s 5(2) :NIL**

**(61) Patent of addition to application No. NA**

**(62) Filed on :NA**

**(63) Divisional to Application No. :NIL**

**(64) Filed on :NA**

**(71) Name of the Applicant : CELANESE  
INTERNATIONAL CORPORATION, OF  
1601 WEST LBJ FREEWAY, DALLAS, TX  
75234 U.S.A.**

**(72) Name of the Inventors :**

**1. CHEUNG, HUNG-CHEUN,**

**2. SANTAILLAN, VALERIE,**

**3. SCATES, MARK, O.,**

**4. SIBREL, ELAINE, C.,**

**5. TORRENCE, G. PAULL.**

**(57) Abstract :** A method and apparatus for sequestering entrained or volatile catalyst species in a carbonylation process includes contacting the product stream with a vinyl pyridine or a vinyl pyrrolidone resin bed which is operative to sequester entrained or volatile catalytic species. The invention is particularly useful in connection with the iridium catalysed carbonylation of methanol wherein the loss of entrained or volatile catalyst species depletes the catalytic content of the reactor. The resin may be digested in order to recover the catalytic metals..

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 143/KOL-NP/2003 A

(22) Date of filing of : 04/02/2003  
application

(54) Title of the Invention : "FORKLIFT WITH TRAVERSE TRAVEL SYSTEM"

(51) International classification : B66F 9/075,  
B62D 7/14

(30) Priority Data :

(31) Document No. 2000-236329

(32) Date : 04/08/2000

(33) Name of convention country : JP

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

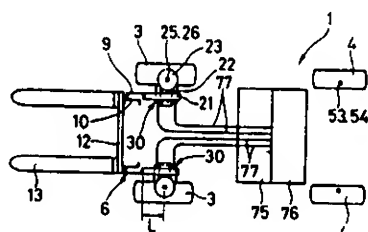
(71) Name of the Applicant : TCM  
CORPORATION, OF 15-10,  
KYOMACHIBORI 1-CHOME, NISHI-KU,  
OSAKA-SHI, OSAKA 550-0003 JAPAN.

(72) Name of the Inventors :  
YURUSHI TOSHIYUKI.

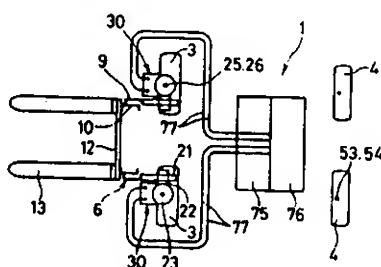
(57) Abstract : A fork lift with a traverse travel system, wherein a pair of right and left front wheels (3) and a pair of rear wheels (4) can be steered to face sideways at a right angle relative to a body (2), the front wheel (3) is mounted to a turning member (27) installed on a mast (6) to be turnable around a vertical axis (26) and a rotating means (40) is provided for the turning member (27), the front wheel (3) is operatively connected to a travel drive means (30) installed on the turning member (27), and the travel drive means (30) can also be rotated together with the turning member (27) when the front wheels (3) are steered sideways at a right angle and positioned outside of the outer surface of the mast. Thus, the mast (6) needs not be disposed unnecessarily forward of the front wheels (3) for the sake of the travel drive means (30), and the balance of the body in the longitudinal direction can be preferably kept without increasing its self weight.

FIG. 1

(a)



(b)



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 144/KOL-NP/2003 A

(22) Date of filing of : 05/02/2003  
application

(54) Title of the Invention : "CLOCK GENERATOR, PARTICULARLY FOR USB DEVICES"

(51) International classification : G06F 1/00

(30) Priority Data :

(31) Document No. 100 41 772.8

(32) Date : 25/08/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : INFINEON TECHNOLOGIES AG., OF ST. -MARTIN-STRASSE 53 81669 MUNCHEN, GERMANY.

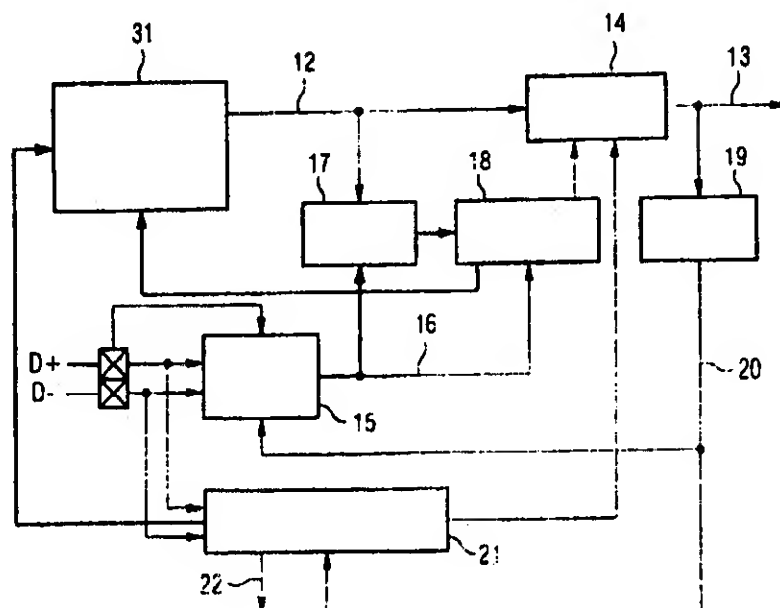
(72) Name of the Inventors :

1. BRUHNKE, MICHAEL,

2. PREIS, VIKTOR,

3. WEDER, UWE..

(57) Abstract : In accordance with the USB specifications, an accuracy of 0.25% is required for the data transmission rate. To generate a clock signal which allows this accuracy, the invention involves the use of a clock generator unit which does not require a crystal. The inventive clock generator unit has an internal clock generator (11), a pulse counter (17) which is connected to the internal clock generator (11), a pulse number memory (18) and a pulse filter (14). The pulse counter counts the number of internally generated clock pulses between two pulses of the synchronization signal (16), which are transmitted in accordance with the USB specification. The difference between the ascertained pulse number and a nominal pulse number is evaluated and is used for controlling the pulse-suppressing pulse filter (14). This results in a stabilized clock signal (13).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 145/KOL-NP/2003 A

(22) Date of filing of : 05/02/2003  
application

(54) Title of the Invention : "EXTRUDED VINYL AROMATIC FOAM WITH 134A AND ALCOHOL AS BLOWING AGENT"

<p>(51) International classification : C01J 9/14, 9/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/640, 951</p> <p>(32) Date : 17/08/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : OWENS CORNING, OF ONE OWENS CORNING PARKWAY, TOLEDO, OH 43659, U.S.A.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"><li>1. MILLER, LARRY, M.,</li><li>2. BREINDEL, RAYMOND, M.,</li><li>3. WEEKLEY, MITCHELL, Z.,</li><li>4. CISAR, THOMAS, E.,</li><li>5. PRINCE, KERRY, J.</li></ol>
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(57) Abstract : The present invention generally relates to methods for preparing extruded foam products and more particularly to a methods for producing such products with a blowing agent containing 134a and an alcohol.

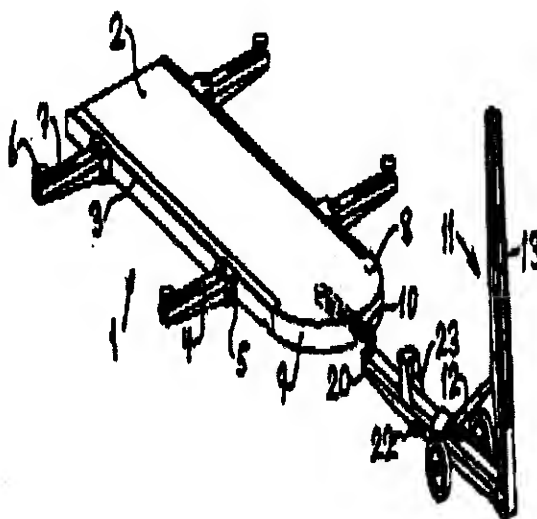
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 146/KOL-NP/2003 A (22) Date of filing of : 05/02/2003 application
- (54) Title of the Invention : "DRAW ALIGNER FOR VEHICLES"

<p>(51) International classification : B21D 1/12</p> <p>(30) Priority Data :</p> <p>(31) Document No. 0002847.2</p> <p>(32) Date : 08/08/2000</p> <p>(33) Name of convention country : SE</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : CAR-O-LINER AB., SWEDEN, P. O. BOX 7, S-73621 KUNGSOR A SWEDISH COMPANY.</p> <p>(72) Name of the Inventors :</p> <p>1. STENKVIST, SIVERT,</p> <p>2. MARTTIN, JUHANI,</p> <p>3. HENBLAD, PETER,</p> <p>4. NILSSON, LARS, ERIK.</p>
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(57) Abstract : Device for straightening vehicles, comprising a lifting table (1) and a tensile straightening appliance (11) that can be coupled to the lifting table. The tensile straightening appliance is designed after coupling to the lifting table to be involved in the movements thereof, and comprises elements (12, 13) for generating a tensile force in a tensile element intended to be coupled to the desired part of a vehicle clamped to the lifting table. The lifting table (1) and the tensile straightening appliance (11) are designed with interacting coupling elements (20), which are designed to allow the tensile straightening appliance (11), after coupling to the lifting table (1), to be swivelled essentially in the plane of the lifting table relative to a longitudinal axis of the latter. The invention also relates to a lifting table and a tensile straightening appliances intended for use in a device for straightening vehicles





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 149/KOL-NP/2003 A

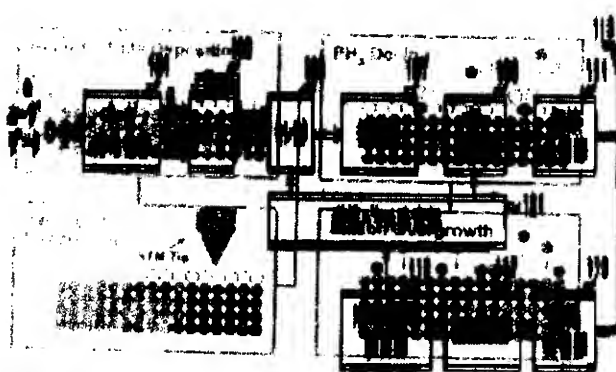
((22) Date of filing of : 07/02/2003

application

(34) Title of the invention : "DATA COMMUNICATION APPARATUS AND DATA COMMUNICATION METHOD"

(51) International classification : H04L 1/08, 1/18	(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., OF 1006 OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN, JAPAN 2052, AUSTRALIA.
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. 2001-198401	1. MIYOSHI KENICHI
(32) Date : 29/06/2001	2. ROBERT GRAHAM CLARK
(33) Name of convention country : JP	3. DZURAK ANDREW STEVEN
(66) Filed U/s 8(2) NIL	4. O'BRIEN JEREMY M O'D
(61) Patent of addition to application No. NA	5. SCHOFIELD STEVEN RICHARD
(62) Filed on : NA	6. SIMMONS MICHELLE Y COEN
(63) Divisional to Application No. NIL	
(64) Filed on : NA	

(57) Abstract : Data communication apparatus based on type-2 hybrid ARQ method which can improve the quality of transmission data while avoiding the increase of power consumption. In the present data communication apparatus transmits identical information bit (S) several number of times, and, at this time, controls transmission power of transmission packet for every packet so that the total of transmission power of N times corresponding to N times transmitted identical information bit becomes constant, for example, the transmission power (b) of one packet of information bit at each transmission time becomes  $1/N$  of the transmission power (a) of one packet, that is,  $(b = a/N)$ .



...USER DATA

101...TRANSMISSION PACKET DEFORMING BLOCK

102...RADIO TRANSMITTING BLOCK

103...RADIO RECEIVING BLOCK

104...TRANSMISSION PACKET DEFORMING BLOCK

105...POWER CONTROLLING BLOCK

106...HIGH SIGNAL DETECTING BLOCK

107...SPREADING BLOCK

108...DESPREADING BLOCK

109...RADIO TRANSMITTING BLOCK

110...RADIO RECEIVING BLOCK

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 150/160A-NP/2003A

(22) Date of filing of application 07/02/2003

(54) Title of the Invention: ANTI-IL-12 ANTIBODIES; COMPOSITIONS; METHODS AND USES

(51) International classification: G01N 15/13, G01K 16/24

(30) Priority Data :

(31) Document No: 60/223,388, 60/236,827 & 09/920,262 Date : 13/07/2000

(32) Date: 07/08/2000, 29/09/2000 & : 11/01/08/2001 Filed U/s 5(2) :NIL

(33) Name of convention country: USA No. N

(66) Filed U/s 5(2) :NIL

(61) Patent of addition application: NA

(62) Filed on: NA

(63) Divisional to Application No. :NIL

(64) Filed on: NA

(71) Name of the Applicant: GENTOCOR, INC. OF 200 GREAT VALLEY PARKWAY, MALVERN, PA 19355, U.S.A.

HARMEK, 23105, ISRAEL.

(72) Name of the Inventors :

1. GILES KOMAR, IL, Inventor

2. KNIGHT DAVID M,

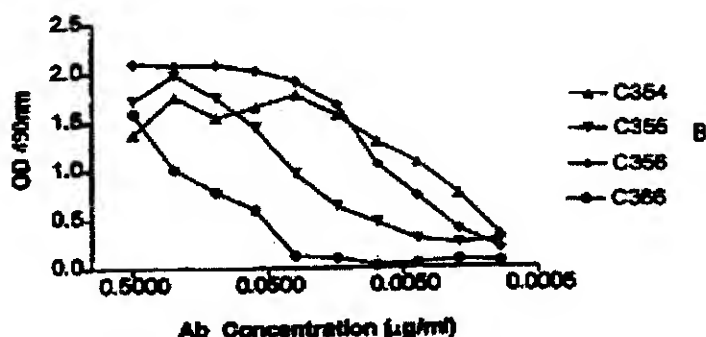
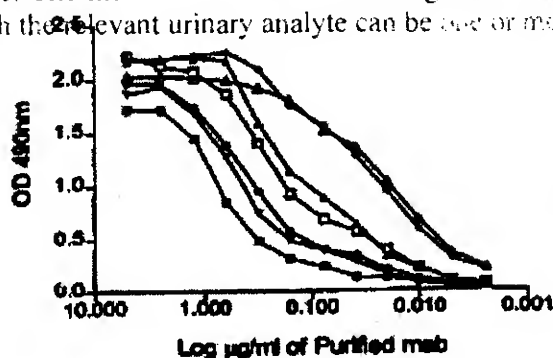
3. PERITT DAVID, I,

4. SCALLON BERNARDON, U.S.A.

5. SHEALY DAVID,

5. BEN-EL-MELICHAM, ISRAEL

(57) Abstract : The invention relates to a method for the diagnosis of a medical condition, comprising the steps of measuring the concentration of one or more analytes in a sample. The present invention relates to at least one novel anti-IL-12 antibodies, including isolated nucleic acids that encode at least one anti-IL-12 antibody; IL-12 vectors; host cells, transgenic animals, plants and methods of making and using thereof including therapeutic compositions, methods and devices. The condition is diagnosed by means of comparing the normalized value with a determined reference value. The medical condition to be diagnosed can be, for example, a disease condition for which the relevant urinary analyte can be one or more of the following:



Publication After 18 months.

The following Parent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 152/KOL-NP/2003 A

(22) Date of filing of : 07/02/2003  
application

(54) Title of the Invention : "ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USES"

(51) International classification : C12N 15/13, C07K 16/24

(30) Priority Data :

(31) Document No. 60/223, 360, 60/236,826 & 09/920, 137

(32) Date : 07/08/2000, 29/09/2000 & 01/08/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

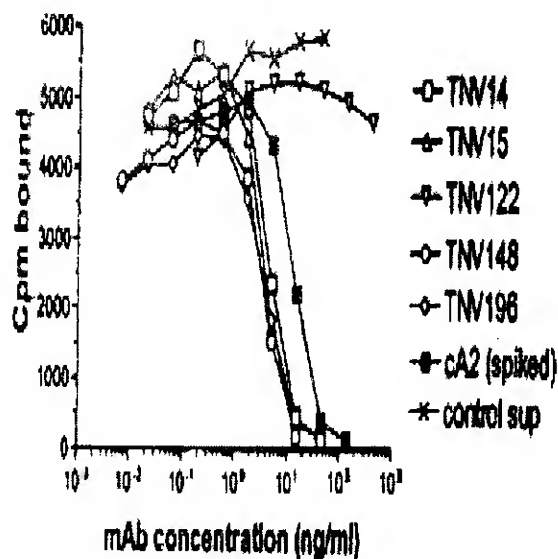
(64) Filed on :NA

(71) Name of the Applicant : CENTOCOR INC., 200 GREAT VALLEY PARKWAY, MALVERN, PA 19355, U.S.A.

(72) Name of the Inventors :

1. GILES KOMAR JILL,
2. KNIGHT, DAVID, M.,
3. HEAVNER, GEORGE,
4. SCALLON, BERNARD,
5. SHEALY, DAVID.

(57) Abstract : The present invention relates to at least one novel anti-TNF antibodies, including isolated nucleic acids that encode at least one anti-TNF antibody, TNF, vectors, host cells, transgenic animals or plants, and methods of making and using thereof.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 153/KOL-NP/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "PLANT-DERIVED AND SYNTHETIC PHENOLIC COMPOUNDS AND PLANT EXTRACTS, EFFECTIVE IN THE TREATMENT AND PREVENTION OF CHLAMYDIAL INFECTIONS"

(51) International classification : C12N	(71) Name of the Applicant : CONTROL-
(30) Priority Data :	OX OY, OF IILUODONTIE 17 B, FIN-00980
(31) Document No. 60/225, 735 & 20001832	HELSINKI, FINLAND.
(32) Date : 17/08/2000 & 18/08/2000	
(33) Name of convention country : U.S.A. & FINLAND	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. VUORRELA HEIKKI,
(61) Patent of addition to application No. NA	2. VUORELA PIA,
(62) Filed on :NA	3. HILTUNEN RAIMO,
(63) Divisional to Application No. :NIL	4. LEINONEN MAIJA,
(64) Filed on :NA	5. SAIKKU PEKKA.

(57) Abstract : The invention relates to natural and synthetic compounds, plant extracts and compositions containing them and mixtures of these in the treatment and/or prevention of a chlamydial infection. Medicinal preparations, food additive compositions and functional foodstuffs can be prepared from the plant-derived phenolic compounds and synthetic compounds and plant extracts.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 155/KOL-NP/2003 A (22) Date of filing of : 10/02/2003  
 (21) Application No. 188/KOL-NP/2003 A (22) Date of filing of : 13/02/2003  
 (54) Title of the Invention : "TREATMENT OF PART PROCESSED LEATHER"  
 (54) Title of the Invention : "A SYSTEM AND METHOD FOR PROCESSING

<p>(51) International classification : C14C 3/06, 3/28          (30) Priority Data :          (31) Document No. 0019296.3          (32) Date : 07/08/2000          (33) Name of convention country : GREAT BRITAIN          (66) Filed in : U.S.A.          (61) Patent of addition to application No. NA          (62) Filed on : NA          (63) Divisional to Application No. : NIL          (64) Filed on : NA</p>	<p>(71) Name of the Applicant : CLARIANT UK LIMITED, OF CALVERLEY LANE, HORSFORTH, LEEDS LS18 7RP, GREAT BRITAIN          (72) Name of the Inventors : STOSIC ROD          (72) Name of the Inventors : MANETTA, AMY, M.</p>
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(57) Abstract : Dispersion of a desired compounds in particular a fungicide, in a leather treatment solution is improved by introducing the compound into the solution to the form of a solid tablet or block comprising the compound dispersed in a springly water soluble carrier.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(57) Abstract : The received ventilation unit parameters and/or settings associated with a patient are acquired on a substantially periodic basis and is prioritized for display in a display order. An attribute is allocated to distinguish newly unit parameters and/or settings that have changed from older ventilation unit parameters and settings.

- (21) Application No. 156/KOL-NP/2003 A (22) Date of filing of : 10/02/2003  
 (54) Title of the Invention : "NON-IMIDAZOLE ARYLOXYPIPERIDINES"

<p>(51) International classification : C07D 211/46, A61K 31/4465          (30) Priority Data :          (31) Document No. 60/223,768, 09/922,619          (32) Date : 06/08/2000 &amp; 06/08/2001          (33) Name of convention country : U.S.A.          (66) Filed in : NIL          (61) Patent of addition to application No. NA          (62) Filed on : NA          (63) Divisional to Application No. : NA          (64) Filed on : NA</p>	<p>(71) Name of the Applicant : ORTHO MCNEIL PHARMACEUTICAL, INC., OF U.S. ROUTE 202, RARITAN, NJ 08869 U.S.A.          (72) Name of the Inventors :          1. APODACA, RICHARD,          2. CARRUTHERS, NICHOLAS, I.,          3. DVORAK, CURT, A.,          4. SETHI, CHANDRAVADAN, R.,          5. XIAO, WEI.</p>
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(57) Abstract : Substituted non-imidazole aryloxypiperidine compounds. Compositions consisting them, and methods of making and using them to treat or prevent histamine-mediated conditions.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 157/KOL-NP/2003-A

(22) Date of Filing of application 14/02/2003

(54) Title of the Invention : "PROCESS AND DEVICE FOR CARRYING OUT REACTIONS IN A REACTOR WITH SLOT-SHAPED REACTION SPACES"

(51) International class. No. C10P 7/02

(71) Name of the Applicant ORTHO

(51) International Classification : B01J 19/24,

(71) Name of the Applicant : DESSA AG,

(30) Priority Data 60/225,118 &amp; 09/927,188

(71) Name of the Applicant : DESSA AG,

(30) Priority Data 60/225,118 &amp; 09/927,188

(71) Name of the Applicant : DESSA AG,

(31) Document No. 100 42 746 491

(71) Name of the Applicant : DESSA AG,

(32) Date of 31/08/2000 Country : U.S.A.

(71) Name of the Applicant : DESSA AG,

(33) Name of convention country : DE

(71) Name of the Applicant : DESSA AG,

(66) Filed U/s 3(2) INTL Application No. NA

(72) Name of the Inventors :

(61) Patent of addition to application No. NA

(72) Name of the Inventors :

(62) Filed on : NA

(72) Name of the Inventors :

(63) Divisional to Application No. : NIL

(72) Name of the Inventors :

(64) Filed on : NA

(72) Name of the Inventors :

(57) Abstract : Reactions between at least two fluid reactants are performed in a reactor

(72) Name of the Inventors :

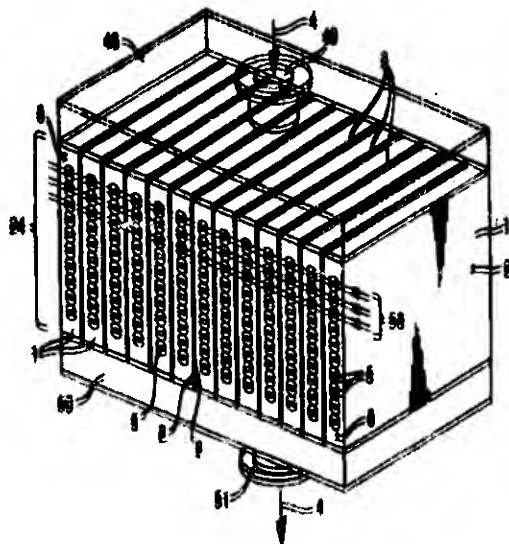
(57) Abstract : Reactions between at least two fluid reactants are performed in a reactor

(72) Name of the Inventors :

(57) Abstract :

(72) Name of the Inventors :

(57) Abstract : Reactions between at least two fluid reactants are performed in a reactor comprising wall elements (1), slot-shaped reaction spaces (3) and cavities (5) for conducting a fluid heat-carrier through. Depending on the process and throughput, a modular structural design is chosen wherein an arbitrary number of wall elements (1) are assembled to a right-parallelepipedal block (24), the reaction spaces (3) are formed between lateral surfaces (2) of right-parallelepipedal wall elements (1), the reactants are introduced into the reaction spaces (3) from edge regions of one side of the block (24) and are conducted through the reaction spaces (3) in parallel flows and the fluid heat-carrier is conducted through the tubular cavities (5) extending in the interior of the wall elements (1).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

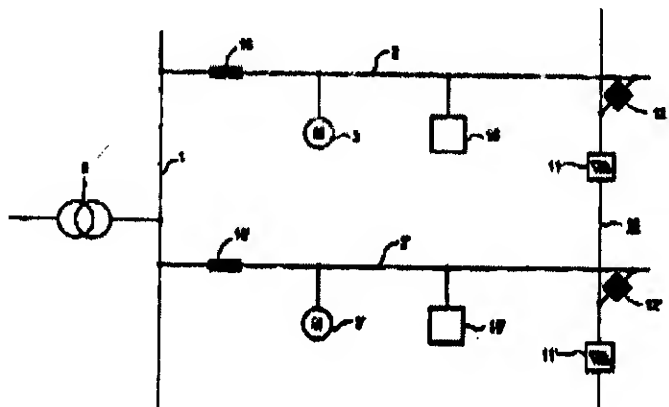
(21) Application No. 158/KOL-NP/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "METHOD FOR TRANSMITTING RADIO-FREQUENCY SIGNALS ON LOW-VOLTAGE NETWORKS, AND AN ASSOCIATED ARRANGEMENT"

<p>(51) International classification : H04B 3/56, 3/58  (30) Priority Data :  (31) Document No. 100 41 702.7  (32) Date : 24/08/2000  (33) Name of convention country : DE  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIEMENS AKTIENGESELLSCHAFT, WITTELSBACHERPLTZ 2, 80333 MUNCHE, GERMANY.  (72) Name of the Inventors :  1. DOSTERT, KLAUS,  2. GRIEPENTROG, GERD,  3. SCHMIDT, RIACHARD.</p>
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(57) Abstract : It is a known fact that even information signals in the kilohertz and megahertz range can be transmitted via the bus systems of power transmission networks. The invention provides a method and a system for improving the transmission behavior by feeding the signals not to the bus of the power supply but at the end of an outgoing line or a bus bar trunking system facing away from the power feed. The connection to the telecommunication system is made via a PLC bus line (10), said bus line (10) being connected to the bus bar trunking systems/outgoing lines (2, 2', ...) via PLC bus elements (12, 12', ...).



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 159/KOL-NP/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "PROCESS FOR THE ELECTROLYSIS OF TECHNICAL-GRADE HYDROCHLORIC ACID CONTAMINATED WITH ORGANIC SUBSTANCES USING OXYGEN-CONSUMING CATHODES"

(51) International classification : C25B 11/00

(30) Priority Data :

(31) Document No. 09/654, 553

(32) Date : 01/09/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

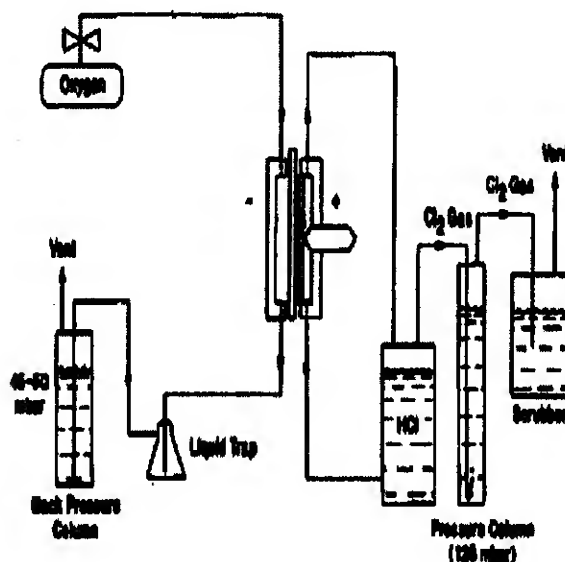
(64) Filed on :NA

(71) Name of the Applicant : DENORA ELETTRODI S.P.A., OF VIA DEI CANZI 1, I 20134 MILAN, ITALY AND BAYER AG., OF 51368 LEVERKUSEN, GERMANY.

(72) Name of the Inventors :

1. ALLEN ROBERT, J.,
2. GIALLOMBARDO JAMES R.,
3. CZERWIEC GANIEL,
4. DE CASTRO EMORY S.,
5. SHAIKH KHALEDA,
6. GESTERMANN FRITZ,
7. PINTER HANS-DIETER,
8. SPEER GERD.

(57) Abstract : The present invention relates to a process for electrolysing an aqueous solution of hydrochloric acid to chlorine in an electrochemical cell provided with an anode compartment and a cathode compartment including at least one gas diffusion cathode. The gas diffusion cathode comprises an electrically conductive web provided on at least on side thereof with a coating of a catalyst comprising rhodium sulphide for the electro-reduction of oxygen. The novel catalyst for oxygen reduction has an improved chemical stability towards highly corrosive media and a high electrocatalytic activity in the presence of organic contaminants.





**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

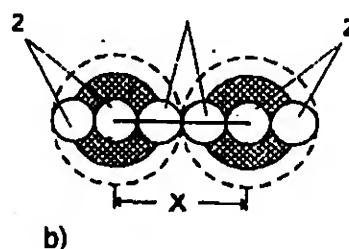
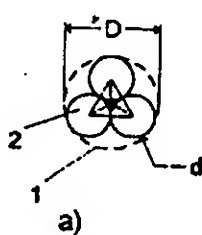
(21) Application No. 160/KOL-NP/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "BRUSHWARE"

<p>(51) International classification : A46B 9/04</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 42 446.5</p> <p>(32) Date : 29/08/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : CORONET WERKE GMBH, OF NEUSTADT 2, 69483 WALD MICHELBAACH, GERMANY.</p> <p>(72) Name of the Inventors : WEIHRAUCH GEORG</p>
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(57) Abstract : In brushware comprising a bristle support and bristles connected thereto, at least part of the bristles are combined into bristle groups, wherein the separation between the bristles is smaller than the separation between the geometrical centers of neighboring bristle groups. Such brushware is characterized in that the separation between the geometrical center of at least one bristle group and the geometrical center of at least one neighboring bristle groups is substantially equal to or larger than the product between the average number of bristles in the two bristle groups and the average diameter of these bristles. This design and arrangement permits the working ends of the bristles of these bristle groups to be linearly arranged in the brushing direction, irrespective of their mounting surface on the bristle support, to penetrate into narrow gaps and depressions.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

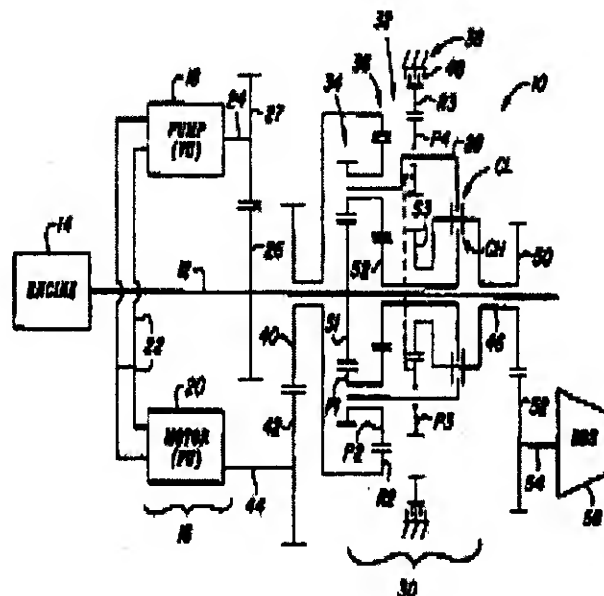
(21) Application No. 161/KOL-NP/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "HYDRO-MECHANICAL TRANSMISSION"

<p>(51) International classification : F16H 47/04  (30) Priority Data :  (31) Document No. 09/669, 987  (32) Date : 26/09/2000  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : DEERE &amp; COMPANY, OF ONE JOHN DEERE PLACE, MOLINE, IL 61265-8098 U.S.A.    (72) Name of the Inventors :  1. JOHNSON, DOUGLAS, RENE,  2. PUETZ, CRAIG, ALAN,  3. OTTEN, ULRICH,</p>
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(57) Abstract : A hydro-mechanical transmission having a planetary system (32) with three planetary gear sets (34, 36, 38) including a reversing planetary gear set (38) together with two clutches (CL, CH) and a reverse brake (48) to provide an infinitely adjustable speed change over the speed range from -20 kph to 60 kph without an additional direction change gear set. The transmission has two forward speed ranges and one reverse speed range. The planetary system has fixed mechanical and hydrostatic power input elements (R2, S1) and a fixed output element (46). The low and high range clutches (CL, CH) and the reverse brake (48) direct power flow through the transmission along different paths to produce the different gear ratios. Transmission efficiency is maximized at the field use speed and the transport road speed where an agricultural tractor is most often operated. The three planetary gear sets (34, 36, 38) are mounted on a common planetary gear carrier (28).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

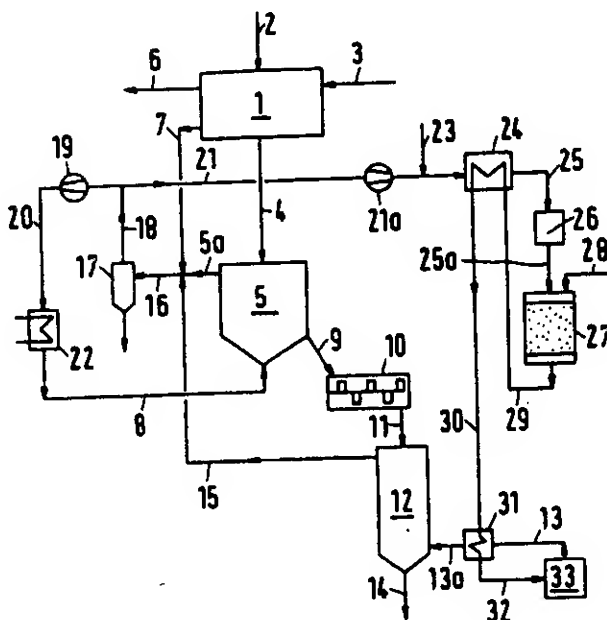
(21) Application No. 162/KOL-NP/2003 A

(22) Date of filing of : 10/02/2003  
application

(54) Title of the Invention : "PROCESS OF INCREASING THE MOLECULAR WEIGHT OF POLYMER GRANULES"

<p>(51) International classification : F16H 47/04  (30) Priority Data :  (31) Document No. 100 43 277.8  (32) Date : 02/09/2000  (33) Name of convention country : DE  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ZIMMER  AKTIENGESELLSCHAFT, OF  BORSIGALLEE 1, 60388 FRANKFURT AM  MAIN, GERMANY.    (72) Name of the Inventors :  KIRSTEN, KLAUS,</p>
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(57) Abstract : Polymer granules coming from a polycondensation plant are at least partly crystallized and in a post condensation are brought in direct contact with a nitrogen-containing treatment gas. In the post condensation, the temperature of the polymer granules is increased to 175 to 205°C as compared to the temperature of the granules coming from the polycondensation plant. Nitrogen-containing exhaust gas from the polycondensation plant is admixed to the treatment gas in a volume ration of 1:1 to 1:1000, before it is introduced into the postcondensation.



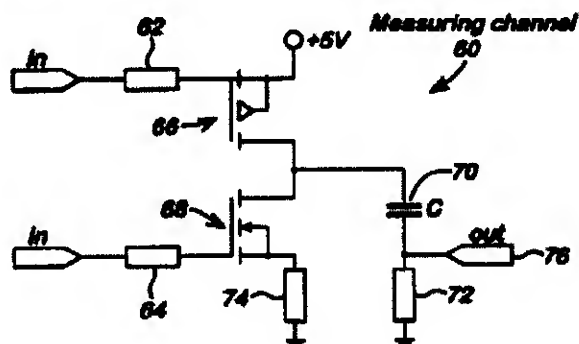
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 164/KOL-NP/2003 A (22) Date of filing of : 11/02/2003  
application  
(54) Title of the Invention : "DROPLET DEPOSITION APPARATUS"

<p>(51) International classification : B41J 2/045 (30) Priority Data : (31) Document No. 0023545.7 (32) Date : 26/09/2000 (33) Name of convention country : GREAT BRITAIN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : XAAR TECHNOLOGY LIMITED, OF SCIENCE PARK, MILTON ROAD, CAMBRIDGE CB4 0XR, GREAT BRITAIN.  (72) Name of the Inventors : 1. ZAPKA WERNER, 2. NILSSON BOSSE, 3. DE ROOS MIKE, 4. BRUENAHJL JUERGEN.</p>
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(57) Abstract : Droplet deposition apparatus comprises a plurality of fluid chambers (2), each fluid ejection chamber being defined in part by at least one wall (11) actuable by an electrical signal to effect droplet ejection from that chamber. The apparatus provides means (16) for cyclically supplying electrical signals to the walls (11) for actuation thereof, means (60) for measuring, within a period between the application of successive electrical signals to the walls, a temperature dependent electrical property of a wall of a fluid chamber to provide a signal having a magnitude dependant on the temperature of fluid in the fluid chambers, and means for adjusting the magnitude of the actuating electrical signals depending on the magnitude of the temperature dependant signal.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 166/KOL-NP/2003 A                      (22) Date of filing of : 11/02/2003  
application  
(54) Title of the Invention : "PHARMACEUTICAL FORMULATION OF SALMETEROL  
AND FLUTICASONE PROPIONATE"

(51) International classification : A61K 31/575, A61P 11/00, A61K 31/135, 31/575 (30) Priority Data : (31) Document No. 60/299, 381 (32) Date : 31/08/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : GLAXO GROUP LIMITED, OF GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, GREAT BRITAIN.  (72) Name of the Inventors : 1. HORSTMAN DONALD HERBERT, 2. MAIDEN CLAIRE JULIA
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- (57) Abstract : The present invention relates to the use of salmeterol and fluticasone propionate combinations for the treatment of chronic obstructive pulmonary disease.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 167/KOL-NP/2003 A (22) Date of filing of : 11/02/2003 application  
(54) Title of the Invention : "ORAL SOLID DOSE VACCINE"

<p>(51) International classification : A61K 39/39, 39/00, 9/20, 39/02, 39/12 (30) Priority Data : (31) Document No. 0020089.91 (32) Date : 15/08/2000 (33) Name of convention country : GREAT BRITAIN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GLAXOSMITHKLINE BIOLOGICALS S.A., OF RUE DE L' INSTITUT 89, B-1330 RIXENSART, BELGIUM. (72) Name of the Inventors : VANDE-VELDE VINCENT</p>
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(57) Abstract : The present invention relates to novel vaccine formulations suitable for oral administration. The vaccine formulations are in a solid form comprising antigen and suitable excipient, which after insertion into the mouth, rapidly dissolve in salve, thereby releasing the vaccine into the mouth. Specifically, the solid form may consist of a cake of vaccine which is formed from a liquid solution or suspension by sublimation, preferably sublimation by lyophilisation. Preferred vaccines are those containing antigens which are derived from pathogens that normally infect or invade the host through a mucosal membrane, or those vaccines that further comprises as antacid. Particularly preferred vaccines are combination vaccines that comprise more than one antigen, and more preferably when the antigens are from more than one pathogen.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 169/KOL-NP/2003 A

(22) Date of filing of : 11/02/2003  
application

(54) Title of the Invention : "APPARATUS FOR PURIFYING WATER"

(51) International classification : B01D 35/04, C02F 1/00

(30) Priority Data :

(31) Document No. 20002000

(32) Date : 12/09/2000

(33) Name of convention country : FI

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : 1. AALTO, KARI, OF LAINKAARI 20 B 36, FIN-33180 TAMPERE, FINLAND, 2. ANTIPOV, VALERY, OF YUNY, 9, SIMFEROPOL, 333017, UCRAIN AND 3. MELNIKOV, ALEXANDER, OF GENOYEV STALINGRADA, APARTMENT 134, SIMFEROPOL, 333640 UCRAIN.

(72) Name of the Inventors :

1. AALTO, KARI,  
2. ANTIPOV, VALERY,  
3. MELNIKOV, ALEXANDER.

(57) Abstract : An apparatus for purifying water, that includes a frame (1) , in connection with which is arranged a primary space (1a) for water to be filtered, secondary space (1b) for filtered water and filtering means (2), which filtering means (2) are arranged to filter water, that is driven by gravity from the primary space (1a) existing in the frame to the secondary space (1b), wherein the filtering influence of the filtering means is based essentially on a thin filtering film (2a) made of plastic based material. Essentially underneath the primary space (1a) is arranged an accessory space (1a1) for the filtering means (2), that is in connection with the primary space and that has an essentially smaller cross-section than the same, in order to keep the filtering means (2) surrounded by unclean water in the auxiliary space (1a1) of the primary space (1a), being limited from the secondary space (1b), totally separate from the secondary space (1b).

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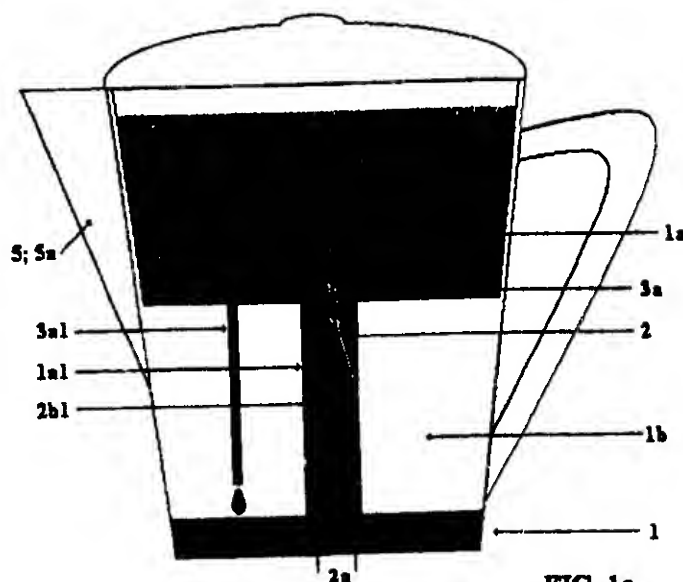


FIG. 1a

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 170/KOL-NP/2003 A

(22) Date of filing of : 11/02/2003  
application

(54) Title of the Invention : "METHOD FOR PRECISION BENDING OF A SHEET OF MATERIAL AND SLIT SHEET THEREFOR"

(51) International classification : B21D 28/26, E04C 2/08

(30) Priority Data :

(31) Document No. 09/640, 267

(32) Date : 17/08/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

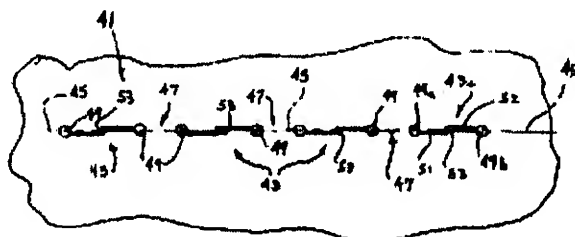
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : INDUSTRIAL ORIGAMI, INC., OF 434 PAYRAN STREET, SUITE A, PATALUMA, CALIFORNIA 94952, U.S.A.

(72) Name of the Inventors :  
DURNEY, MAX, W.

(57) Abstract : A method for precision bending of a sheet of material (31, 41, 61, 91, 231) along a bend line (35, 45, 62-66, 96, 235) and the resulting sheet are disclosed. A method includes a step of forming and longitudinally extending slits (33, 43, 68, 92, 233) through the sheet of material in axially spaced relation to define bending webs (37, 47, 71, 72, 106, 237), forming stress reducing structures such as enlarged openings (39, 49, 69, 73) or transversely extending slits (239) at each of adjacent ends of pairs of slits in order to reduce crack propagation across the bending webs. In another aspect, the elongated slits (43, 68, 92, 233) are formed with pairs of longitudinally extending slit segments (51, 52; 74, 76; 98, 99; 127) proximate to and on opposite sides of and substantially parallel to the desired bend line. Longitudinally extending slit segments further are connected by at least one intermediate transversely extending slit segment (53, 77, 101, 128). Sheets of slit material suitable for bending also are disclosed.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

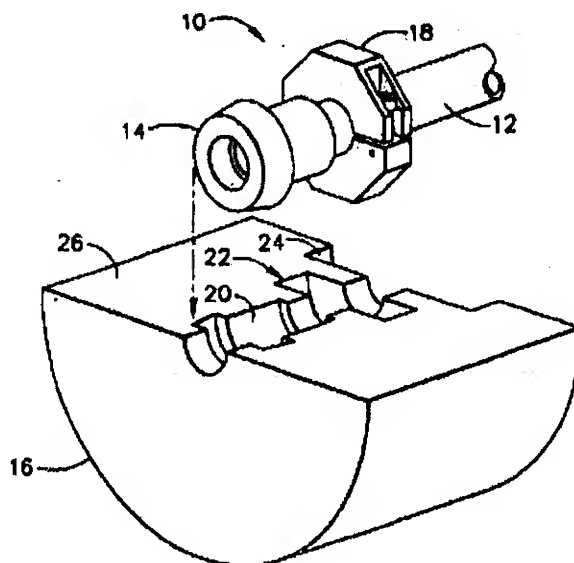
(21) Application No. 171/KOL-NP/2003 A

(22) Date of filing of : 11/02/2003  
application

(54) Title of the Invention : "SWAGED TUBE FITTING COLLAR AND DIE"

<p>(51) International classification : B21D 39/04  (30) Priority Data :  (31) Document No. 09/668, 909  (32) Date : 22/09/2000  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY, NY 12345, U.S.A.   (72) Name of the Inventors :  1. GLESSNER JOHN CARL,  2. BAYLIS NORMAN STANTON.</p>
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(57) Abstract : An assembly (10, 50) for retaining a work piece and fitting together for placement in a swage machine. The assembly (10, 50), includes a die (16, 54) and a collar (18, 56) to keep the work piece from moving during the swaging process. The collar (18, 56) includes two clamping sections (28, 30 and 70, 72) that are connected together, such as by a hinge (32, 74). The collar (18, 56) is placed about the work piece and then clamped in place by a retaining bolt (34, 76) at the opposing end of the clamping section (28, 30 and 70, 72). The die (16, 54) includes a recess (22, 60) for holding the collar and a recess (24, 62) for the tube. The assembly (10, 50) includes an anti-rotation feature to minimize rotation of the collar (18, 56) within the recess (22, 60). One example of an anti-rotation feature is the formation of the recess (22, 60) and the collar (18, 56) in corresponding hexagonal shapes. The die (16, 54) may also include a recess (20, 58) for retaining a fitting to be swaged to the work piece. The die and collar assembly (10, 50) eliminates the need for nylon inserts and eliminates work piece rotation and axial movement during the automated swaging process



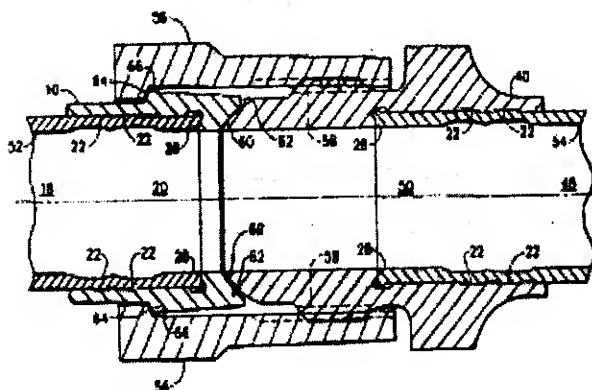
**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 172/KOL-NP/2003 A (22) Date of filing of : 11/02/2003 application
- (54) Title of the Invention : "INTERNAL SWAGE FITTING"

(51) International classification : F16L 13/14 (30) Priority Data : (31) Document No. 09/668, 940 (32) Date : 22/09/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY, NY 12345, U.S.A.  (72) Name of the Inventors : 1. PETERSON IVAN HARRY, 2. GLESSNER JOHN CARL.
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(57) Abstract : An internal swage fitting (10, 40) for swaging a tube. The fitting (10, 40) includes a tube connection region (20, 50) with one or more radial grooves (22) and an expansion cavity (26) at the end adjacent to the end of the tube to be swaged. The expansion cavity (26) accommodates flowing tube material during the swaging process with minimal axis pressure on the fitting (10, 40). The expansion cavity (26) also includes a stop wall (26) to fix the location of the tube in the fitting (10, 40). The expansion cavity (26) enables swaging of tube materials of relatively high ductility without accounting for setback. It therefore eliminates the need for a collar to establish setback during swaging



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 173/KOL-NP/2003 A

(22) Date of filing of : 11/02/2003  
application

(54) Title of the Invention : "DIAMOND PARTICLE ABRASIVE AND METHOD FOR THE PRODUCTION OF THE SAME"

<p>(51) International classification : C09K 3/14, C01B 31/16  (30) Priority Data :  (31) Document No. 2000-247861  (32) Date : 17/08/2000  (33) Name of convention country : JP  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : THE  ISHIZUKA RESEARCH INSTITUTE, LTD.,  OF 3463-2, OOKAMI, HIRATSUKA-SHI,  KANAGAWA 254-0012 JAPAN.    (72) Name of the Inventors :  1. YAMANAKA, HIROSHI,  2. OHSHIMA, RYUJI,  3. ISHIZUKA, HIROSHI.</p>
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**(57)Abstract:**

One of the principal objectives is to provide a loose mass of single crystalline minute diamond particles for abrasive uses, which is prepared from a coarser crystalline product of a common static ultra high-pressure process. The novel particle abrasive can achieve improvement in both machining efficiency (stock removal per time) and worked surface roughness. An effective method for its production is also provided.

The diamond particles of the invention, which have a D50 average size of over 5  $\mu\text{m}$  but not exceeding 40  $\mu\text{m}$ , have an explicit effect of a heat treatment on either crystal structure or collective properties. The particles are further deposited on the surface with non-diamond carbon, amounting 0.5 % or more by weight in relation to the diamond as a whole.

Such diamond particles can be effectively obtained by heating diamond particles having said D50 particle size, in a non-oxidizing environment at a treatment temperature of 600° C, in order to convert the surface of diamond particle to non-diamond carbon.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 174/KOL-NP/2003 A (22) Date of filing of : 13/02/2003 application  
(54) Title of the Invention : "A GAS INJECTION LANCE"

<p>(51) International classification : G01N 21/31, F23D 14/82 (30) Priority Data : (31) Document No, PQ 9445 (32) Date : 16/08/2000 (33) Name of convention country : AU (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : TECHNOLOGICAL RESOURCES PTY LTD., OF 55 COLLINS STREET, MELBOURNE, VICTORIA 3000 AUSTRALIA.  (72) Name of the Inventors : 1. DUNNE MARTIN JOSEPH, 2. HARDIE GREGORY JOHN.</p>
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## (57)Abstract:

A lance for injecting a pre-heated oxygen-containing gas into a vessel containing a bath of molten material is disclosed. The lance (26) includes an elongate gas flow duct (31) from which to discharge gas from the duct. The duct includes (i) inner and outer concentric carbon steel tubes (37, 39) which provide major structural support for the duct, (ii) cooling water supply and return passage means (43, 44) extending through the duct wall from the rear end to the forward end of the duct for supply and return of cooling water to the forward end of the duct, and (iii) a mechanical means in the form of lands (136) on the exterior surface of the duct adapted to hold a layer of frozen slag on the duct. The lance also includes a gas inlet (32) for introducing hot gas into the rear end of the duct. The lance also includes a tip means (36) joined to the concentric tubes at the forward end of the duct. The lance also includes a protective lining formed from a refractory or other material that is capable of protecting the duct from exposure to gas flow at 800-1400°C through the duct. The lining is a non-metallic material with heat insulating properties when compared to the steel tubes. The lance also includes a swirl means (34) located in the duct for imparting swirl to gas flow through the forward end of the duct.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 175/KOL-NP/2003 A                      (22) Date of filing of : 13/02/2003  
application  
(54) Title of the Invention : "PURIFICATION OF HBV ANTIGENS FOR USE IN  
VACCINES"

<p>(51) International classification : C07K 1/36, 14/02, A61K 39/29 (30) Priority Data : (31) Document No. 0019728.5 &amp; 0101334.1 (32) Date : 10/08/2000 &amp; 18/01/2001 (33) Name of convention country : GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GLAXOSMITHKLINE BIOLOGICALS S.A., OF RUE DE L' INSTITUT 89 B-1330 RIXENSART, BELGIUM.  (72) Name of the Inventors : 1. DE HEYDER KOEN, 2. SCHU PETER, 3. VAN OPSTEL OMER.</p>
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(57) Abstract : The present invention relates to a method for production of a hepatitis B antigen suitable for use in a vaccine, the method comprising purification of the antigen in the presence of cysteine, to vaccines comprising such antigens.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 176/KOL-NP/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "PIEZOELECTRIC DEVICE AND ACOUSTO-ELECTRIC TRANSDUCER AND METHOD FOR MANUFACTURING THE SAME"

(51) International classification H01L 41/09, 41/22, B23Q 3/08, H03H 3/02

(30) Priority Data :

(31) Document No. 2000-251675, 2001-091394 & 2001-209997

(32) Date : 17/07/2000, 19/02/2001 & 05/06/2001

(33) Name of convention country : JP

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

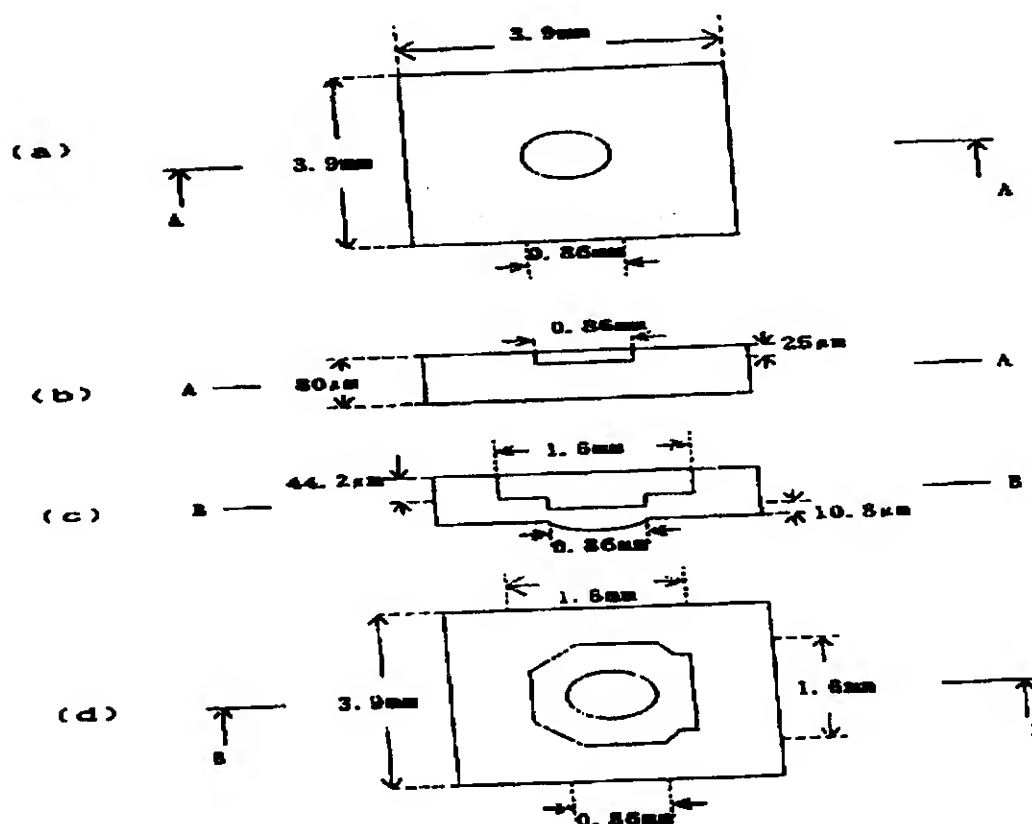
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : NAGAURA YOSHIKI, NAGAURA KUMIKO & NAGAURA ZENICHIRO, OF 4-32-104, YUMACHI 3-CHOME, CHIKUSHINO-SHI, FUKUOKA 818-0041, JAPAN.

(72) Name of the Inventors :  
NAGAURA YOSHIKI

(57) Abstract :



**176/KOL-NP/2003A**

A lens shape piezoelectric device thinner than the manufacture limit thickness, which is conventionally difficult to manufacture, and a method for manufacturing the same. The piezoelectric device has a oscillation part of at least two steps where one side thereof is planar and opposite side is thickest at the peripheral holding portion and thinner toward the central portion. A piezoelectric element of another mode has a oscillation part of at least two steps where the peripheral holding portion is thickest on both sides and the thickness decreases toward the central portion. In these piezoelectric devices, at least one side of the thinnest central portion of the oscillation part has a convex lens shape. A pair of electrodes are vacuum deposited in the center these oscillation parts on both sides, and a gold wire is led as a lead wire from each electrode.

Publication After 18 months.

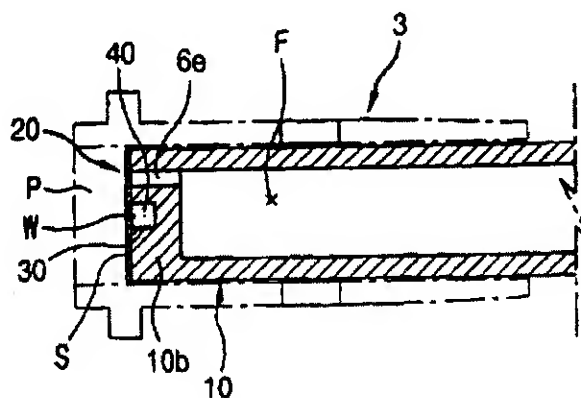
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No. 178/KOL-NP/2003 A** (22) **Date of filing of : 13/02/2003 application**
- (54) **Title of the Invention : "SUCTION VALVE COUPLING STRUCTURE FOR RECIPROCATING COMPRESSOR"**

<p>(51) <b>International classification. F04B 39/10</b>  (30) <b>Priority Data :</b>  (31) <b>Document No.</b>  (32) <b>Date :</b>  (33) <b>Name of convention country :</b>  (66) <b>Filed U/s 5(2) :NIL</b>  (61) <b>Patent of addition to application No. NA</b>  (62) <b>Filed on :NA</b>  (63) <b>Divisional to Application No. :NIL</b>  (64) <b>Filed on :NA</b></p>	<p>(71) <b>Name of the Applicant : LG ELECTRONICS INC., OF 20, YOIDO-DONG, YONGDUNGPO-KU SEOUL, KOREA.</b>   (72) <b>Name of the Inventors :</b>  1. HONG SEONG-JOON,  2. KUM BON-CHEOL,  3. KIM HYEONG-SUK,  4. YOON-HYUNG-PYO.</p>
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**(57) Abstract**

A suction valve coupling structure for a reciprocating compressor is disclosed in which a piston being linearly moved in a cylinder upon receipt of driving force from an electric mechanism unit, according to which a gas flows through a gas flow passage formed therein, is coupled by welding to a valve for opening and closing the gas flow passage, thereby strengthening the coupling state of the suction valve. Since the coupling structure is simplified, a dead volume is reduced and a stroke volume is increased, improving compression efficiency. A stroke control of the piston is facilitated to enable a precise control of movement of the piston. In addition, a reliability of the coupling of the suction valve can be improved.





Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

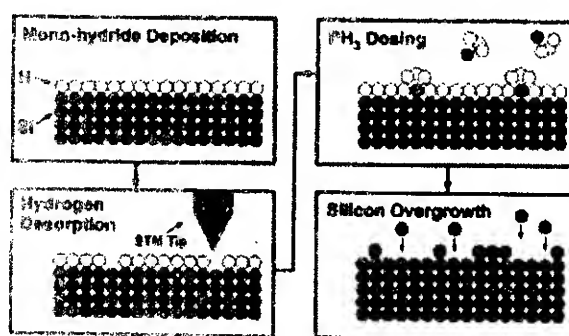
(21) Application No. 180/KOL-NP/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "SINGLE MOLECULE ARRAY ON SILICON SUBSTRATE FOR QUANTUM COMPUTER"

<p>(51) International classification. B82B 3/00, H01L 21/3213, G06N 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. PQ 9759</p> <p>(32) Date : 30/08/2000</p> <p>(33) Name of convention country : AU</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : UNISEARCH LIMITED, OF RUPERT MYERS BUILDING, LEVEL 2, GATE 14, BARKER STREET, UNSW, SYDNEY, NSW 2052, AUSTRALIA.</p> <p>(72) Name of the Inventors : 1. ROBERT GRAHAM CLARK, 2. DZURAK ANDREW STEVEN, 3. O'BRIEN JEREMY LLOYD, 4. SCHOFIELD STEVEN RICHARD, 5. SIMMONS MICHELLE YVONNE.</p>
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(57) Abstract : Individual hydrogen atoms are desorbed from a hydrogen termination layer on a silicon substrate, using an STM tip, to form a pattern of exposed regions. A single donor-bearing molecule (such as phosphine) is adsorbed onto each exposed region, to form an array of donor atoms (such as phosphorous atoms). The spins of the donor atoms may be used as qubits in a solid state quantum computer.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 183/KOL-NP/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "CONDUCTIVITY-NORMALIZED URINARY ANALYTE CONCENTRATION MEASUREMENT FOR USE IN DISEASE DIAGNOSIS"

<p>(51) International classification. G01N 33/493, 33/88 (30) Priority Data : (31) Document No. 137308 (32) Date : 13/07/2000 (33) Name of convention country : IL (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : BIOPREVENTIVE LTD., OF RAMAT GABRIEL, P.O. BOX 536, MIGDAL HAEMEK, 23103, ISRAEL.  (72) Name of the Inventors : 1. RUBIN YORAM, 2. NIMRI SHAI, 3. GALILI-NACHSHON NITSA, 4. ALON SARI, 5. BEN-TZVI TZCCHORI INBAL.</p>
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(57) Abstract : The invention relates to a method for the diagnosis of a medical condition in a subject, comprising the steps of measuring the concentration of one or more analytes, relevant for the diagnosis of said medical condition, in a urine sample; measuring the electrical conductivity of said urine sample; obtaining a normalized value for the analyte; concentration by dividing said analyte concentration by the electrical conductivity; and determining whether said subject is softening from said medical condition by means of comparing the normalized value with a pre-determined reference value. The medical condition to be diagnosed can be, for example, an acute cardiac condition for which the relevant urinary analyte can be one or more thromboxanes.

Publication After 18 months.

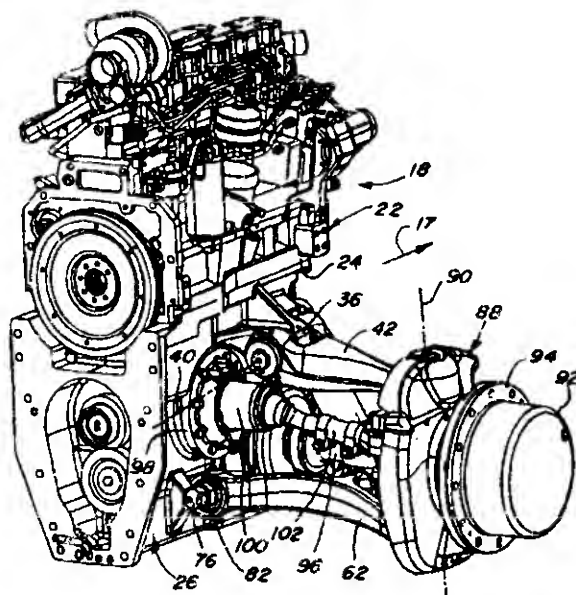
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 185/KOL-NP/2003 A (22) Date of filing of : 13/02/2003  
application  
(54) Title of the Invention : "TRACTOR WITH FRONT SUSPENSION"

(51) International classification : B62D 7/18 (30) Priority Data : (31) Document No. 09/661, 855 (32) Date : 14/09/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : DEERE & COMPANY, OF ONE JOHN DEERE PLACE, MOLINE, IL 61265-8098 U.S.A.  (72) Name of the Inventors : 1. BOWMAN, DENNIS, AARON, 2. SCHAFER, CHRISTOPHER, ALAN, 3. JEFFRIES, DENNIS, LEE, 4. BROWN, JEFFREY, KAHLE,
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**(57) Abstract :**

A tractor with a front wheel suspension and mechanical front wheel drive wherein the front wheel drive differential case (26) includes an engine oil sump replacing the need for a separate engine oil pump and wherein the suspension control arms (42, 62) are mounted to the differential case (26) through integrally formed mounting structures in the differential case (26). These mounting structures reduce the number of front end components thereby improving the packaging of the suspension, steering and front wheel drive. The elimination of the oil pan allows the front axle ground clearance to be increased while improving ground visibility in front of the tractor over the hood.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 187/KOL-NP/2003 A

(22) Date of filing of : 13/02/2003  
application

(54) Title of the Invention : "PROCESS FOR THE PREPARATION OF PYRAZOLE COMPOUNDS"

(51) International classification : C07D  
231/16, 231/14

(30) Priority Data :

(31) Document No. 2000-246688 & 2000-293395

(32) Date : 16/08/2000 & 27/09/2000

(33) Name of convention country : JP

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

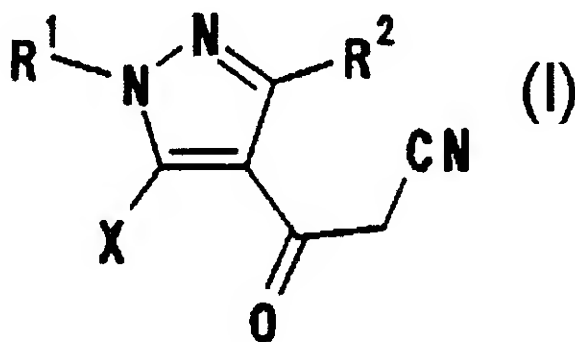
(64) Filed on :NA

(71) Name of the Applicant : NIPPON  
SODA CO. LTD., 2-1 OHEMACHI 2-  
CHOME, CHIYODA-KU, TOKYO, JAPAN.

(72) Name of the Inventors :

1. YAGIHARA TOMIO,
2. IMAGWA TSUTOMU,
3. SUGA SHIGEMI,
4. HATANO MASAMI,
5. SHIBATA YASUSHI,
6. OKKUCHI TETSUSHI,
7. KASAHARA ISAMU.

(57) Abstract : The invention relates to a process (1) for the preparation of 4-cyanoacetylpyrazoles of the general formula [I] (wherein R<1> is C1-6 alkyl; R<2> is C1-6 alkyl or C1-6 haloalkyl; and X is hydrogen or C1-6 alkyl) which comprises using a pyrazolecarboxylic acid halide and a cyanoacetate ester, a process (2) for the preparation of the same which comprises using a pyrazolecarboxylic acid and a cyanoacetate ester, a process (3) for the preparation which comprises using a pyrazolecarbonitrile, and a process (4) for the preparation which comprises using a haloacetylpyrazole. Further, the invention also provides an industrially advantageous process for preparing pyrazolecarboxylic acids useful as intermediates in the above processes.



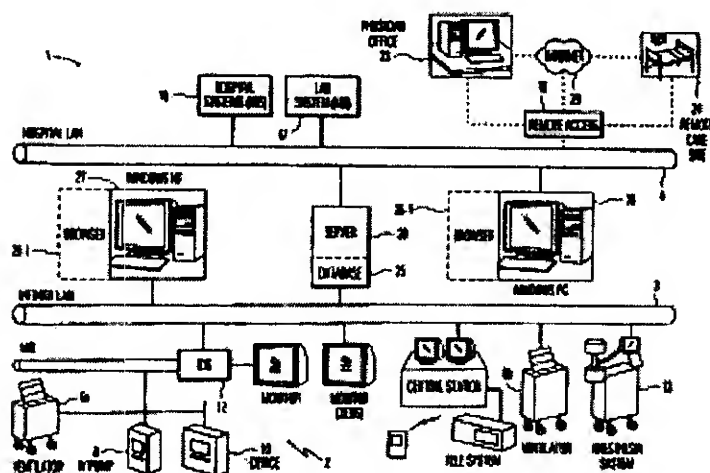
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 188/KOL-NP/2003 A (22) Date of filing of : 13/02/2003 application
- (54) Title of the Invention : "A SYSTEM AND METHOD FOR PROCESSING VENTILATOR INFORMATION"

<p>(51) International classification : G06F 19/00, A61B 5/00, A61M 15/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/248, 087 &amp; 09/805, 970</p> <p>(32) Date : 13/11/2000 &amp; 14/03/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIEMENS MEDICAL SOLUTIONS USA, INC., OF 186 WOOD AVENUE SOUTH, ISELIN, NJ08830-2770 U.S.A.</p> <p>(72) Name of the Inventors : MANETTA, AMY, M.,</p>
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(57) Abstract : An internet compatible system and method are described for displaying medical information derived from a plurality of sources. Ventilation unit parameters and/or settings associated with a patient are acquired on a substantially periodic basis and in response to a user command. The received ventilation unit parameters and or settings are prioritized for display in a desired order. An attribute is allocated to distinguish newly acquired ventilation unit parameters and/or settings that have changed from older ventilation unit parameters and settings.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 191/KOL-NP/2003 A (22) Date of filing of : 14/02/2003 application  
(54) Title of the Invention : "SUBSTITUTED PYRAZOLES"

(51) International classification : C07D 471/04, 591/00, A61K 31/437 (30) Priority Data : (31) Document No. 60/225,178 & 09/927, 188 (32) Date : 14/08/2000 & 10/08/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant ORTHO MCNEIL PHARMACEUTICAL INC., ROUTE 202, P. O. BOX 300, RARITAN NJ 08869-0602 U.S.A.  (72) Name of the Inventors : 1. CUI HUI, 2. EDWARDS JAMES P., 3. MEDUNA STEVEN P., 4. PIO BARBARA A., 5. WEI JIANMEI.
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(57) Abstract : Substituted pyrazoles method of manufacturing them compositions containing them and methods of using them to treat for example, autoimmune diseases mediated by cathepsin S are described.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

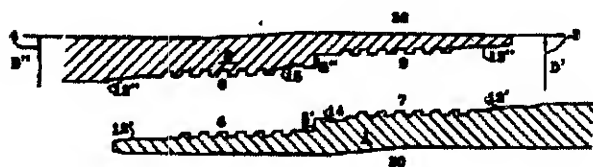
(21) Application No. 192/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "PIPE INTEGRAL THREADED JOINT"

<p>(51) International classification : F16L 15/00, 15/04</p> <p>(30) Priority Data :</p> <p>(31) Document No. MI2000A001614</p> <p>(32) Date : 17/07/2000</p> <p>(33) Name of convention country : ITALY</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : DALMINE S.P.A., OF PIAZZA CADUTI 6 LUGLIO 1994, 1, I-24044 DALMINE, ITALY.</p> <p>(72) Name of the Inventors : 1. DELLA PINA GIUSEPPE, 2. ROTINI GIUSEPPE, 3. SIGNORELLI ANGELO,</p>
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(57) Abstract : Pipe integral threaded joint formed by a male element (1) and a female element (2) respectively placed on the external surface and on the internal surface of two truncated cone-shaped parts of the threading (6, 7, 8, 9) having the same conicity value and being radially spaced, both being respectively divided by annular shoulders (5, 5') which are parallel and orthogonal with respect to the pipe axis. They are provided two sealing surfaces (12, 12', 13, 13'), one of them being cone-shaped and the other being spherical. After the screwing of the two elements (1, 2) said two annular shoulders (5, 5') are in contact. Each male (1) and female (2) element comprises, respectively along its external and internal surface, a circumference cavity (14, 15) placed between a part of the threading and the annular shoulder (5, 5') in order to allow the expansion of the lubricating fat.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

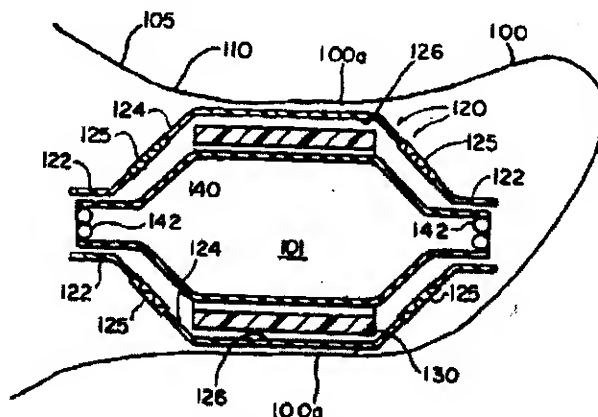
(21) Application No. 193/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "EXPANDABLE IMPLANT DEVICES FOR FILTERING BLOOD FLOW FROM ATRIAL APPENDAGES"

<p>(51) International classification : A61B 17/00  (30) Priority Data :  (31) Document No. 60/226, 461, 60/234,113 &amp; 60/234, 112  (32) Date : 18/08/2000, 21/09/2000, 21/09/2000  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ATRITECH INC., OF 15350 25<sup>TH</sup> AVENUE, MINNEAPOLIS, MN 55447, U.S.A.  (72) Name of the Inventors :  1. BORILLO THOMAS E.,  2. PETERSON DEAN,  3. SUTTON GREGG S.,  4. WELCH JEFFREY.</p>
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(57) Abstract : Implant devices for filtering blood flowing through the ostium of an atrial appendage have component structures one or more of which are expandable. Devices with component structures in their unexpanded state have a compact size suitable for intra-cutaneous delivery to an atrial appendage situs. The expandable component structures are expanded in situ to deploy the devices. A device may have sufficiently short axial length so that most or almost all of the device length may fit within the ostium region. An expandable component structure in the device may include a blood-permeable filter element. The device may be deployed so that this component structure covers the ostium so as to direct the blood flow to pass through the filter element. The filter elements used in the devices may have hole size distributions selected to filter out harmful-size emboli. The filter elements may be embedded in elastic material so that hole-size distributions remain substantially unaffected by expansion of the device structures. Anchors attached to a component structure engage tissue surrounding the device and maintain the devices in position. The anchors may include inflatable anchors which engage interior walls of the atrial appendage.





**Publication After 18 months.**

The following Patent application have been published under Section 11A. of the Patents (Amendment) Act, 2002

(21) Application No.194/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "DATA CARRIER WITH LINE INTAGLIO IMAGE AND METHOD FOR CONVERTING PICTURE MOTIFS INTO LINE STRUCTURES AND TO LINE INTAGLIO PRINTING PLATE"

<p>(51) International classification : B41C 1/04  (30) Priority Data :  (31) Document No. 100 44 403.2  (32) Date : 08/09/2000  (33) Name of convention country :  GERMANY  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GIESECKE &amp; DEVRIENT GMBH, OF PRINZREGENTENSTRASSE 159, 81677 MUNCHEN, GERMANY.   (72) Name of the Inventors :  1. FRANZ PETER,  2. SCHMIDT RUDIGER,  3. WINKLER STEFAN.</p>
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(57) Abstract : The invention relates to a data carrier printed according to a gravure printing method. Said data carrier comprises a half-tone image represented by irregular linear structures in an engraved manner. Said linear structures are at least partially superimposed by fine structures which are reproduced in a positive and/or a negative representation. The invention also relates to methods for producing and processing the irregular linear structures in the form of digital image data on a computer, according to the individual preconditions of a server. The linear structures are transferred onto a gravure printing plate, the digital image data being used to control an engraving device, or, using other printing methods, said linear structures are at least partially superimposed by fine structures which are reproduced in a positive and/or a negative representation.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 197/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "FABRICATION OF NANO-ELECTRONIC CIRCUITS"

(51) International classification : G03F 7/20, H01L 21/266, 21/3105, G01N 1/00

(30) Priority Data :

(31) Document No. PQ 9807

(32) Date : 31/08/2000

(33) Name of convention country : AU

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

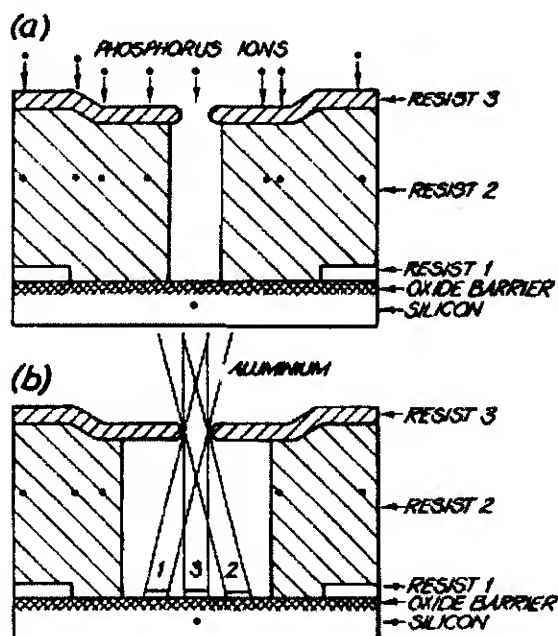
(64) Filed on : NA

(71) Name of the Applicant : UNISEARCH LIMITED, OF RUPERT MYERS BUILDING, LEVEL 2, GATE 14, BARKER STREET, SYDNEY, NSW 2052, AUSTRALIA.

(72) Name of the Inventors :

1. BRENNER ROLF,
2. BUEHLER TILO MARKUS,
3. CLARK ROBERT GRAHAM,
4. DZURAK ANDREW STEVEN,
5. HAMILTON ALEXANDER RUDOLF,
6. LUMPKIN NANCY ELLEN,
7. MCKINNON RITA PATRICIA.

(57) Abstract : A silicon substrate is coated with one or more layers of resist. First and second circuit patterns are exposed in sequence, where the second pattern crosses the first pattern. The patterned resist layers are developed to open holes which extend down to the substrate only where the patterns cross over each other. These holes provide a mask suitable for implanting single phosphorous ions in the substrate, for a solid state quantum computer. Further development of the resist layers provides a mask for the deposition of nanoelectronic circuits, such as single electron transistors, aligned to the phosphorous ions.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 201/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "(CYCLOALKYL) METHYL SILANES AS EXTERNAL DONORS FOR POLYOLEFIN CATALYSTS"

<p>(51) International classification : C08F 4/464, 10/00 (30) Priority Data : (31) Document No. 60/227, 001 &amp; 09/930, 520 (32) Date : 22/08/2000 &amp; 15/08/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ENGELHARD CORPORATION, OF 101 WOOD AVENUE, P. O. BOX 707, ISELIN, NJ 08830-0770 U.S.A.  (72) Name of the Inventors : 1. SPENCER, MICHAEL, DONALD, 2. CHENG, CHUNG-PING,</p>
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(57) Abstract :

One aspect of the present invention relates to a catalyst system for use in olefinic polymerization, containing a solid titanium catalyst component; an organoaluminum compound having at least one aluminum-carbon bond; and an organosilicon compound comprising a (cycloalkyl)methyl group. Another aspect of the present invention relates to a method of making a catalyst for use in olefinic polymerization, involving the steps of reacting a Grignard reagent having a (cycloalkyl)methyl group with an orthosilicate to provide an organosilicon compound having a (cycloalkyl)methyl moiety; and combining the organosilicon compound with an organoaluminum compound having at least one aluminum-carbon bond and a solid titanium catalyst component to form the catalyst.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

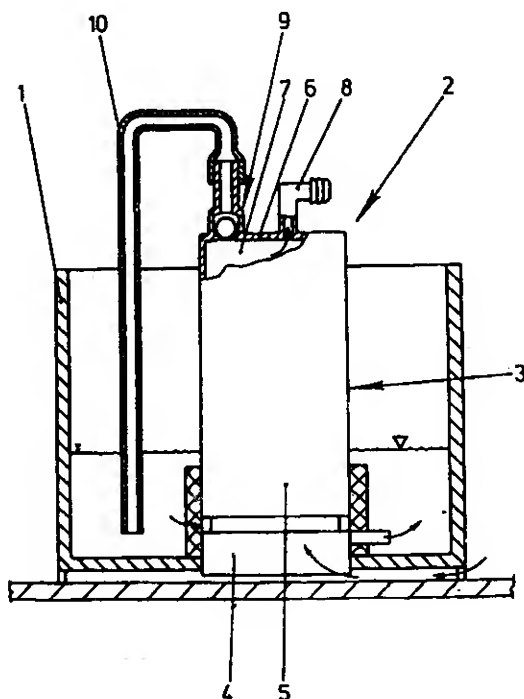
(21) Application No. 202/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "FUEL FEED UNIT"

<p>(51) International classification : F02M 37/10, 37/20</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 44 609.4</p> <p>(32) Date : 09/09/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY.</p> <p>(72) Name of the Inventors : 1. SCHUCHARDT, PETER, 2. SCHMIDT, CHRISTOPH, 3. ECK, KARL, 4. NEUMANN, HANS-JURGEN.</p>
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(57) Abstract : In a fuel feed unit (2) a bleed valve (9) is connected to a region which is constantly filled with fuel. This means that gases pass out of the fuel feed unit (2) through the bleed valve (9). However, penetration of gases when the fuel feed unit (2) is not operating, via leaks in the bleed valve (9), is reliably avoided.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

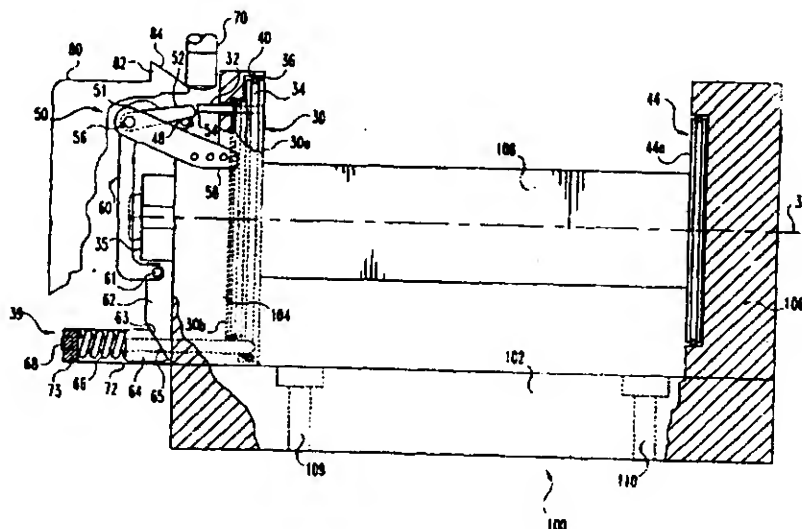
(21) Application No. 203/KOL-NP/2003 A

(22) Date of filing of : 17/02/2003  
application

(54) Title of the Invention : "INDEXING DEVICE FOR A MACHINE TOOL"

<p>(51) International classification : B23C 9/00, B23Q 16/06</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/630, 622</p> <p>(32) Date : 02/08/2000</p> <p>(33) Name of convention country : U.S.A</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : JINES, ARNOLD, R., OF 614 KEELER DRIVE, AVON, IN 46123, U.S.A.</p> <p>(72) Name of the Inventors : JINES, ARNOLD, R.,</p>
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(57) Abstract : An indexing device and method is provided to selectively orient work pieces at predetermined angular positions and hold the work pieces at those positions. The indexing device (100) has a rotary member (30) rotatably coupled to a support (104) and a trigger (51) pivotally coupled to the support (104). The rotary member (30) holds a fixture (108) and has a plurality of index pins (32) extending from the rotary member (30) at equally spaced locations about the axis of rotation (33). The trigger (51) operates a stop assembly (39) to engage holes (42) in the rotary member (30) to position the work holding fixture (108) at a desired position. The indexing device (100) is constructed such that the trigger (51) and one of the index pins (32) can be simultaneously contacted by a control member (70). The trigger (51) includes an elongated contact surface (52) along which the control member (70) translates to contact the index pins (32) and rotate the rotary member (30).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

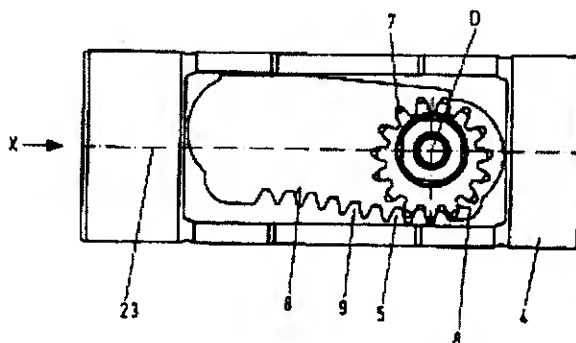
(21) Application No. 204/KOL-NP/2003 A

(22) Date of filing of : 18/02/2003  
application

(54) Title of the Invention : "ELECTROMECHANICAL SWING LEAF OPERATOR"

<p>(51) International classification : E05F 15/12, 3/10</p> <p>(30) Priority Data :</p> <p>(31) Document No. 101 07 051.9</p> <p>(32) Date : 13/02/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : DORMA GMBH + CO. KG., OF BRECKERFELDER STRASSE 42-48, 58256, ENNEPETAL, GERMANY.</p> <p>(72) Name of the Inventors : HOMBERG JURGEN</p>
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(57) Abstract : The invention relates to an electromechanical swing leaf operator having a door closer (1) with an eccentrically supported pinion (6) that presents a circular rolling curve, and meshes with a toothed rack (5) being disposed at a piston (4), whereby a particular execution of the rolling curve and of the teeth (9) of the toothed rack (5) in adaptation to a toothing of the pinion (6) is achieved. With the intention to realise an optimized moving course of the piston (4) in the housing (2) of the door closer (1) an improved execution of the delayed closing operation is provided.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

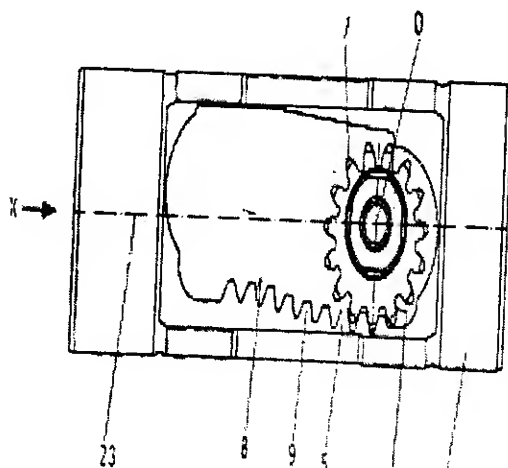
(21) Application No. 205/KOL-NP/2003 A

(22) Date of filing of : 18/02/2003  
application

(54) Title of the Invention : "OVERHEAD DOOR CLOSER WITH SLIDE ARM ASSEMBLY"

<p>(51) International classification : E05F 3/10  (30) Priority Data :  (31) Document No. 101 07 046.2  (32) Date : 13/02/2001  (33) Name of convention country : GERMANY  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DORMA GMBH + CO. KG., OF BRECKERFELDER STRASSE 42-48, 58256, ENNEPETAL, GERMANY.   (72) Name of the Inventors : HOMBERG JURGEN</p>
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(57) Abstract : This invention relates to an overhead door closer with slide arm assembly (1) having a toothed pinion (6) that is eccentrically supported and presents a circular rolling curve, which pinion meshes with a toothed rack (5) arranged at a piston (4). The invention concentrates on a particular embodiment of the rolling curve and of the teeth (9) of the toothed rack (5) in adaptation to a toothing of the pinion (6). Furthermore, the invention concentrates on an improved embodiment of the delayed closing operation in order to achieve an optimized movement pattern of the piston (4) within the housing (2) of the overhead door closer with slide arm assembly (1).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 206/KOL-NP/2003 A

(22) Date of filing of : 18/02/2003  
application

(54) Title of the Invention : "DATA CARRIER WITH OPTICALLY VARIABLE ELEMENT"

(51) International classification : B42D 15/00, 15/10

(30) Priority Data :

(31) Document No. 100 44 465.2

(32) Date : 08/09/2000

(33) Name of convention country :  
GERMANY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

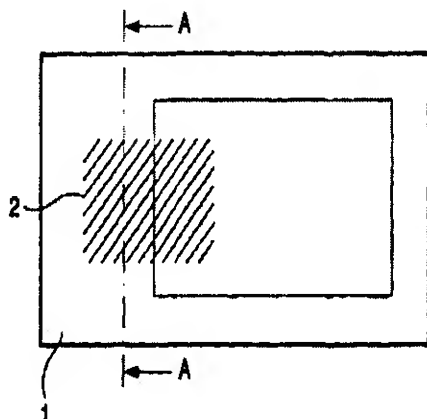
(64) Filed on :NA

(71) Name of the Applicant : GIESECKE & DEVRIENT GMBH., OF PRINZREGENTENSTRASSE 159, 81677 MUNCHEN GERMENY.

(72) Name of the Inventors :

1. MULLER JOHANN,
2. PLASCHKA REINHARD,
3. ZERDES JURGEN,
4. BALDUS CHRISTOPH.

(57) Abstract : The invention relates to a data carrier with an optically variable structure having an embossed structure and a coating contrasting with the surface of the data carrier. The embossed structure and the coating are so combined that at least parts of the coating are completely visible upon perpendicular viewing but concealed upon oblique viewing so that a tilt effect arises upon alternate perpendicular and oblique viewing. The coating is executed uniformly and the embossed structure is divided into partial areas where different partial embossed structures are provided.





**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

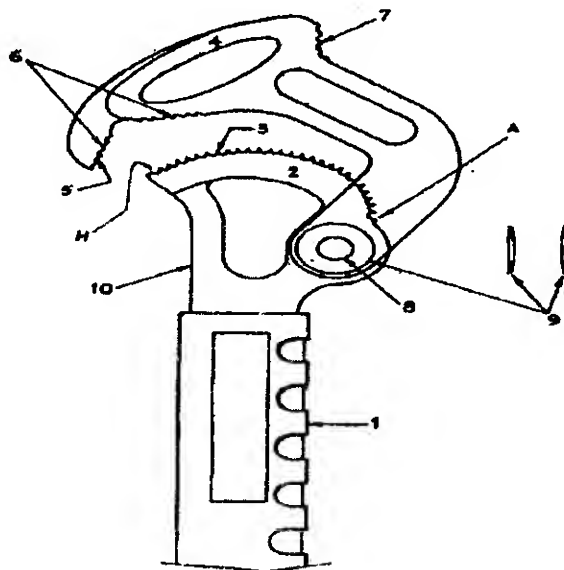
(21) Application No. 208/KOL-NP/2003 A

(22) Date of filing of : 18/02/2003  
application

(54) Title of the Invention : "PIPE WRENCH"

<p>(51) International classification : B25B 13/28  (30) Priority Data :  (31) Document No.  (32) Date :  (33) Name of convention country :  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : 1. SOLANKI CHANDRAKANT VRAJLAL, OF 52 BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700 020, INDIA AND 2. SOLANKI TRUPTI HITENDRA, OF 52 BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700 020, INDIA.   (72) Name of the Inventors :  1. SOLANKI CHANDRAKANT VRAJLAL,  2. SOLANKI TRUPTI HITENDRA.</p>
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(57) Abstract : A wrench for loosening and tightening of round stocks and hex comprising: i) an operating handle; ii) a fixed jaw having an involute curved member with unidirectional teeth extending from a leading to a trailing edge for gripping the round stock, said jaw provided at the upper end of said handle; iii) a movable jaw having only an angular movement and pivotally held to said fixed jaw through a pivot pin; iv) said movable jaw having an inner extending profile with teeth cooperating with the teeth of the fixed jaw; v) the involute curved member comprising a plurality of continuous curved surfaces, each curved surface formed between an imaginary forward and rear line radiated from the pivot pin, here each forward line has a rise in length in comparison to its respective rear line, and the rise in length of the forward lines of each curved surface being equal to each other.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 209/KOL-NP/2003 A

(22) Date of filing of : 19/02/2003  
application

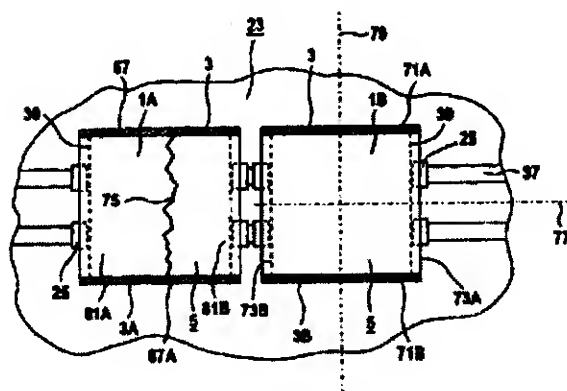
(54) Title of the Invention : "THERMAL SHIELDING BRICK FOR LINING A COMBUSTION CHAMBER WALL, COMBUSTION CHAMBER, AND GAS TURBINE"

(51) International classification : F27D 1/00  
(30) Priority Data :  
(31) Document No. 100 46 094.1  
(32) Date : 18/09/2000  
(33) Name of convention country : DE  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : SIEMENS  
AKTIENGESELLSCHAFT, OF  
WITTELSBACHERPLATZ 2, 80333  
MUNCHEN GERMANY.

(72) Name of the Inventors :  
1. HOFMANN, DANIEL,  
2. MAGHON, HANS,  
3. SCHMAHL, MILAN,  
4. TAUT, CHRISTINE,  
5. RETTIG, UWE,  
6. JEPPEL, PAUL-HEINZ.

(57) Abstract : The invention relates to a thermal shielding brick (1, 1A, 1B), especially for lining a combustion chamber wall. Said thermal shielding brick has a hot side (5), which can be exposed to a hot medium, a wall side (7) located opposite said hot side (5), and a peripheral side (69) that is joined to the hot side and to the wall side. A damping element (3, 3A, 3B) is placed on the peripheral side and effectively prevents fragments (81,81A) from detaching from the thermal shielding brick (1, 1A, 1B) if broken. The invention also relates to a combustion chamber having an inner combustion chamber lining, which comprises said thermal shielding bricks (1, 1A, 1B), and to a gas turbine with a combustion chamber.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 213/KOL-NP/2003 A

(22) Date of filing of : 20/02/2003  
application

(54) Title of the Invention : "DISTALLY NARROWED VASCULAR GRAFTS, GRAFT CONNECTORS AND RELATED METHODS"

<p>(51) International classification : A61F 2/06 (30) Priority Data : (31) Document No. 60/224,392 , 09/704,083, 60/297,088 &amp; 60/297,226 (32) Date : 10/03/2000, 01/11/2000, 08/06/2001 &amp; 08/06/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DIALYSIS ACCESS SOLUTIONS, INC., 11356 MORTON COUR, CROWN POINT, IN 46307, U.S.A.  (72) Name of the Inventors : STANISH PAUL</p>
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(57) Abstract : The invention provide vascular grafts (10, 110, 210, 310, 410, 510, 365, 465) that have a stepped down distal end (20, 120, 220, 320, 360, 460). In one embodiment, graft (10) has a first end (20) adapted for insertion into a blood receiving vessel site and a second end (30) adapted for attachment to an artery site. In graft (10), distal end (20) defines orifice (21) and proximal end (30) defines orifice (31). The portion of the lumen (11) defined by section (23), also referred to as a "stepped" or a "taper" section, has a generally gradually decreasing diameter from a longitudinal point adjacent section (40). In other embodiments, the invention provides vascular grafts having cuffs (450, 480, 550, 650) for attachment to a target blood vessel. Also provided are connectors (710) for making end-to-end graft connections. The invention also provides methods for implanting vascular grafts and methods that include shortening a graft by removing a medial portion of the graft and connecting the resulting graft pieces in an end-to-end manner.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 214/KOL-NP/2003 A

(22) Date of filing of : 20/02/2003  
application

(54) Title of the Invention : "PROCESS FOR GENERATING HYDROGEN-RICH GAS"

(51) International classification : C01B 3/40,  
3/38, B01J 37/02

(30) Priority Data :

(31) Document No. 09/652, 710

(32) Date : 31/08/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

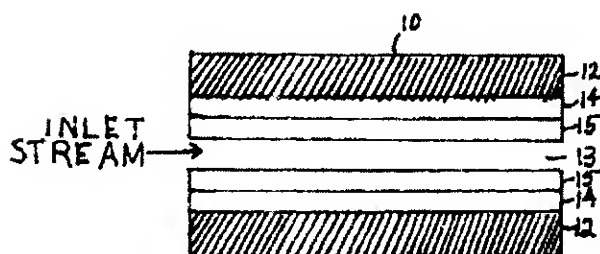
(71) Name of the Applicant : ENGELHARD  
CORPORATION, OF 101 WOOD AVENUE,  
P. O. BOX 770, ISELIN, NJ 08830-0770  
U.S.A.

(72) Name of the Inventors :

1. HWANG, H. SHINN,

2. FARRAUTO, ROBEFRT, J.,

(57) Abstract : A process for catalytically generating a hydrogen-rich gas from a hydrocarbon feed. A stream comprising the hydrocarbon feed, water and air is preheated to a temperature sufficiently high to initiate catalytic partial oxidation of the hydrocarbon feed. The preheated stream is then introduced into an autothermal reactor containing a layered catalyst member at a temperature sufficient to initiate and sustain both catalytic partial oxidation and catalytic steam reforming. At least part of the hydrocarbon feed is catalytically partially oxidized and hydrocarbons remaining in the feed are steam reformed to produce further quantities of the hydrogen-rich gas. The layered catalyst member comprises a monolith substrate containing at least one layer of a steam reforming catalyst in contact with at least one layer of a catalytic partial oxidation catalyst. The steam reforming catalyst comprises one or more platinum group metal components and the catalytic partial oxidation catalyst comprises palladium components.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 217/KOL-NP/2003 A

(22) Date of filing of : 20/02/2003  
application

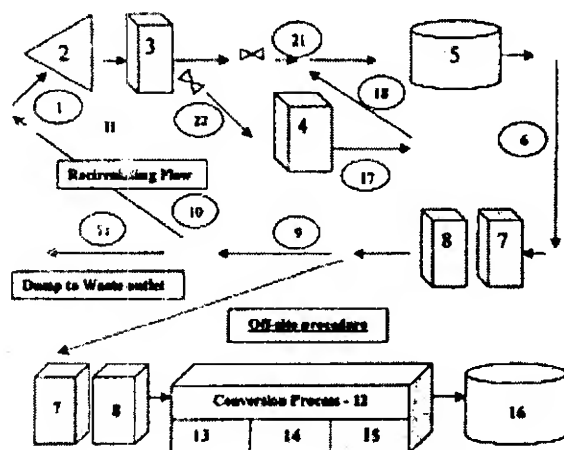
(54) Title of the Invention : "IMPROVED METHODS AND PROCESSES FOR IODINE DISINFECTION"

(51) International classification : C02F 1/50, 1/68, 1/76, C01B 7/14  
(30) Priority Data :  
(31) Document No. PQ 8916  
(32) Date : 21/07/2000  
(33) Name of convention country : AUSTRALIA  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NIL  
(64) Filed on :NA

(71) Name of the Applicant : IODINE TECHNOLOGIES AUSTRALIA PTY LTD., OF 4 HERCULES STREET, SURREY HILLS, SYDNEY, NSW 2010, AUSTRALIA.

(72) Name of the Inventors :  
1. KLEIN PETER MORRIS GILBERT,  
2. WOODHOUSE JOHN.

(57) Abstract : An iodine purification process comprising; a source of fluid; means for delivery of iodine to the source of fluid for use in the purification process; the process further comprising means for recovery of the iodine and/or iodine and /or other iodine species derived from the iodine, from said fluid.



3 Filter (Optional)	2 Pump in recirculating system
4 Iodine Crystals Container	13 Electro-winning conversion process, or
5 Treatment Station	14 Catalyst conversion process, or
7 Iodine/Iodide Absorbing Resin	15 Other conversion process
8 Iodine/Iodide Absorbing Resin	16 Iodine collection tank

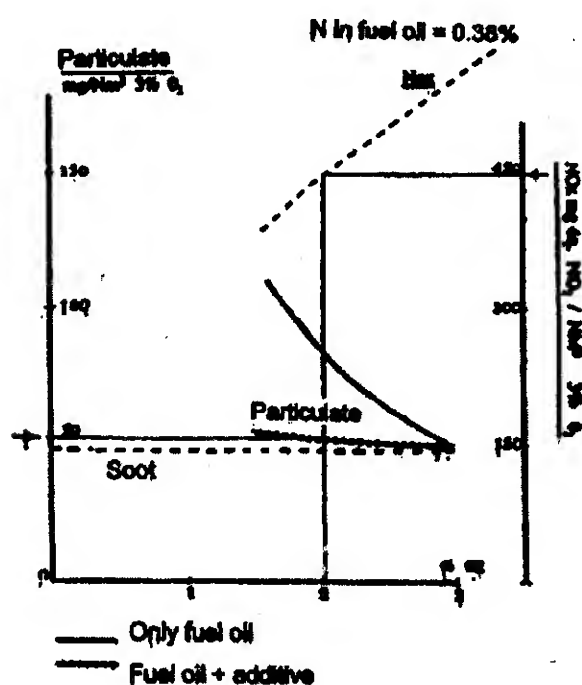
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 218/KOL-NP/2003 A (22) Date of filing of : 20/02/2003 application
- (54) Title of the Invention : "ADDITIVE FOR REDUCING PARTICULATE IN EMISSIONS DERIVING FROM THE COMBUSTION OF DIESEL"

<p>(51) International classification : C10L 1/14, 10/02, 1/32</p> <p>(30) Priority Data :</p> <p>(31) Document No. MI2000A1815</p> <p>(32) Date : 03/08/2000</p> <p>(33) Name of convention country : ITALY</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : PEDRAZZINI CESARE, OF 7, AVENUE SAINT ROMAN, MC-98000 MONTE CARLO, MONACO, A CITIZEN OF ITALY.</p> <p>(72) Name of the Inventors : PEDRAZZINI CESARE</p>
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(57) Abstract : An additive, for fuels such as diesel oil and fuel oil, used respectively for diesel engines and boilers of various types, is described, comprising a metal oxidation catalyst, an organic nitrate and a dispersing agent in suitable ratios, able to improve combustion efficiency in such a way as to reduce the formation of particulate by as much as 90 %.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 221/KOL-NP/2003 A

(22) Date of filing of : 21/02/2003  
application

(54) Title of the Invention : "VACCINE IMMUNOGENS COMPRISING DISULPHIDE BRIDGED CYCLISED PEPTIDE AND USE THEREOF IN THE TREATMENT OF ALLERGIES"

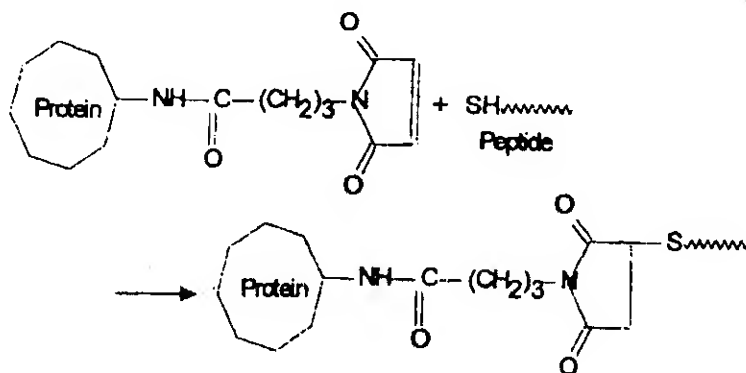
(51) International classification : C07K 7/08,  
14/705, A61K 47/48, A61P 37/08  
(30) Priority Data :  
(31) Document No. 0020717.5  
(32) Date : 22/08/2000  
(33) Name of convention country : GB  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NIL  
(64) Filed on :NA

(71) Name of the Applicant :  
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S.A., OF RUE DE L' INSTITUT 89, B-1330  
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(72) Name of the Inventors :  
1. FRIEDE MARTIN,  
2. MASON SEAN,  
3. TURNELL WILLIAM GORDON,  
4. VINALS Y BASSOLS CARLOTA.

**(57) Abstract :**

The present invention relates to a novel chemical process for the covalent conjugation of disulphide bridge cyclised peptides to immunogenic carrier molecules by thio-ether linkages to form vaccine immunogens. In particular, the novel chemistry involves reacting a thiolated carrier with a cyclic peptide containing a disulphide bridge, which cyclic peptide (herein a disulphide bridge cyclised peptide) has attached to it, usually via a linker, a reactive group capable of forming thio-ether bonds with the carrier. The invention further relates to activated peptide intermediates of the process, medicaments produced by the process, pharmaceutical compositions containing the medicaments, and the use of the pharmaceutical compositions in medicine. The process of the present invention is particularly useful for the preparation of highly pure immunogens for vaccines, comprising disulphide bridge cyclised peptides. Also novel immunogens are provided, based on peptides derived from the sequence of human IgE, which are useful in the immunotherapy of allergy. Accordingly, the invention relates also to a process for conjugation of IgE disulphide bridge cyclised peptides to carriers, immunogens produced by the process and vaccines and pharmaceutical compositions comprising them and their use in the treatment of allergy.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 222/KOL-NP/2003 A (22) Date of filing of : 21/02/2003 application
- (54) Title of the Invention : "ENGINE STARTER SYSTEM."

(51) International classification : F02N 11/08 (30) Priority Data : (31) Document No. 2000-296980 & 2000-296969 (32) Date : 28/09/2000 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : MITSUBA CORPORATION, OF 2681 HIROSAWA CHO 1-CHOME, KIRYU-SHI, GUNMA, JAPAN.  (72) Name of the Inventors : 1. INABA MITSUNORI, 2. YUKIMORI KIMIO, 3. KANEKO YOSHIHIRO, 4. NOZUE YUTAKA.
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(57) Abstract : In an engine starter system adapted to crank an engine first in a reverse direction at least under a prescribed condition, and finally in a normal direction, a favourable swing cranking action can be achieved when necessary in a reliable manner. The rotational speed of the electric motor when rotating the crankshaft in the reverse direction is controlled so as to prevent the crankshaft from rotating in the reverse direction beyond the top dead center from the side of the expansion stroke. Thus, by controlling the rotational speed of the crankshaft, the crankshaft is prevented from rotating beyond the top dead center and made to stop at a position immediately before the top dead center. This provides a maximum spring back force of the compression pressure which assists the electric motor in rotating the crankshaft in the normal direction. The assist force, combined with a large approach run distance that can be obtained, ensures a reliable cranking of the engine while minimizing the size and power consumption of the electric motor.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 224/KOL-NP/2003 A

(22) Date of filing of : 21/02/2003  
application

(54) Title of the Invention : "CRIPTO TUMOUR POLYPEPTIDE"

<p>(51) International classification : C12N 5/08, 15/12, C07K 14/47, A61K 38/18, A61P 35/00 (30) Priority Data : (31) Document No. 0020953.6 (32) Date : 24/08/2000 (33) Name of convention country : GREAT BRITAIN. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GLAXOSMITHKLINE BIOLOGICALS S.A., OF RUE DE L' INSTITUT 89, B-1330 RIXENSART, BELGIUM.  (72) Name of the Inventors : 1. CASSART JEAN-POL, 2. COCHE THIERRY, 3. PALMANTIER REMI M., 4. VANALS Y DE BASSOLS CARLOTA</p>
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(57) Abstract : Compositions and methods for the therapy and diagnosis of cancer, particularly lung, colon, colorectal and breast cancer, are disclosed, illustrative compositions comprise one or more Cripto tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung, colon, colorectal and breast cancer.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 225/KOL-NP/2003 A (22) Date of filing of : 21/02/2003 application
- (54) Title of the Invention : "ENGINE STARTER SYSTEM"

(51) International classification : F02N 11/08 (30) Priority Data : (31) Document No. 2000-297265 & 2000-296975 (32) Date : 28/09/2000 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MITSUBA CORPORATION, OF 2681 HIROSAWACHO 1-CHOME, KIRYU-SHI, GUNMA-KEN, JAPAN.  (72) Name of the Inventors : 1. INABA MITSUNORI, 2. YUKIMORI KIMIO, 3. KANEKOYOSHIHIFRO, 4. NOZUE YUTAKA.
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(57) Abstract : In engine starter system adapted to crank an engine first in a reverse direction, and finally in a normal direction with an electric motor that is connected to a crankshaft of an engine to ensure a successful cranking at all times, an electric current is supplied to the electric motor for a normal rotation prior to cranking the engine in the reverse direction to move the crankshaft to a suitable angular position at least under a prescribed condition. The control can be accomplished without requiring any special angle sensor.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

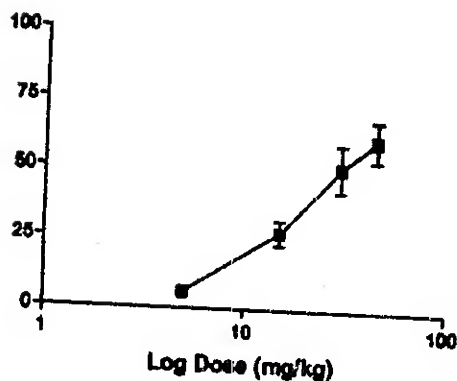
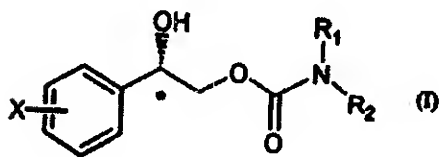
(21) Application No. 226/KOL-NP/2003 A

(22) Date of filing of : 21/02/2003  
application

(54) Title of the Invention : "CARBAMATE COMPOUNDS FOR USE IN PREVENTING OR TREATING NEUROPATHIC PAIN AND CLUSTER AND MIGRAINE HEADACHE-ASSOCIATED PAIN"

<p>(31) International classification : A61P 25/06, A61K 31/27</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/219,657</p> <p>(32) Date : 21/07/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : ORTHO-MCNEIL PHARMACEUTICAL, INC., OF U. S. ROUTE 202, P. O. BOX 300, RARITAN, NEW JERSEY 08869, U.S.A.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. CODD, ELLEN, E.,</li> <li>2. SHANK, RICHARD, P.,</li> <li>3. ROGERS, KATHERINE, E.,</li> <li>4. PLATA-SALAMAN, CARLOS, R.,</li> <li>5. ZHAO, BOYU,</li> </ol>
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(57) Abstract : This invention is directed to a method for preventing or treating neuropathic pain and cluster and migraine headache-associated pain comprising administering to a subject in need thereof a therapeutically effective amount of an enantiomer of Formula (I) substantially free of other enantiomers or an enantiomeric mixture wherein an enantiomer of Formula (I) predominates: Formula (I) wherein phenyl is substituted at X with one to five halogen atoms independently selected from the group consisting of fluorine, chlorine, bromine and iodine; and; R<sub>1</sub> and R<sub>2</sub> are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with phenyl group consisting of hydrogen, halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano).



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 227/KOL-NP/2003 A

(22) Date of filing of : 21/02/2003  
application

(54) Title of the Invention : "PROCESS FOR REMOVING LOW AMOUNTS OF ORGANIC SULFUR FROM HYDROCARBON FUELS"

<p>(51) International classification : C10G 29/20, 29/22, 29/24, 17/02, C01B 15/00 (30) Priority Data : (31) Document No. 09/654,016 (32) Date : 01/09/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : UNIPURE CORPORATION, SUITE 1380, 12 GREENWAY PLAZA, HOUSTON, TX 77046 U.S.A.  (72) Name of the Inventors : 1. RAPPAS ALKIS S., 2. NERO VINCENT P., 3. BECANTO STEPHEN J.,</p>
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(57) Abstract : A process for desulfurizing fuels such as diesel oil and similar petroleum products to reduce the sulphur content to a range of from about 2 to 15 ppm sulphur is described. The sulfur containing fuel is contacted at slightly elevated temperatures with an oxidizing/extracting solution of formic acid, a small amount of hydrogen peroxide, and no more than about 25 wt % water. A removal process for separating substituted dibenzothiophene oxidation products from the fuels also described.

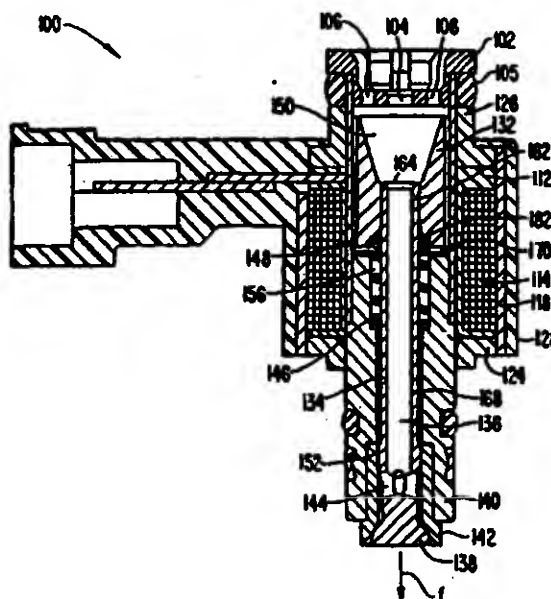
**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 228/KOL-NP/2003 A (22) Date of filing of : 24/02/2003 application  
(54) Title of the Invention : "AIR ASSIST FUEL INJECTORS"

<p>(51) International classification : F02M 69/00 (30) Priority Data : (31) Document No. 09/644, 799 (32) Date : 24/08/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SYNERJECT, LLC., OF 201 ENTERPRISE DRIVE, NEWPORT NEWS, VA 23603 U.S.A.  (72) Name of the Inventors : 1. KIMMEL JAMES ALLEN, 2. DILLON SCOTT P.,</p>
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(57) Abstract : An air assist fuel injector having an armature (132) and a solenoid for actuating the armature. The armature (132) includes a conduit (150) having a conical portion for delivering liquid fuel and gas to a poppet (134) of the air assist fuel injector. The conduit (150) includes an inlet for receiving the liquid fuel and gas from a cap (102) of the air assist fuel injector. The cap (102) includes a number of channels (104, 106) for delivering the liquid fuel and gas, and the outlets of the channels are located radially inward of the periphery of the inlet to the armature conduit (150). The armature also includes a flow path located between an area upstream of the inlet to the armature and an area downstream of the armature. The flow path may include one or more recesses in the armature or one or more recesses in an armature guide of the air assist fuel injector.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 229/KOL-NP/2003 A

(22) Date of filing of : 24/02/2003  
application

(54) Title of the Invention : "DETECTION OF ANALYTES IN AQUEOUS ENVIRONMENTS"

<p>(51) International classification : C07F 5/02, 5/04, G01N 33/66 (30) Priority Data : (31) Document No. 09/632, 624 (32) Date : 04/08/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SENSORS FOR MEDICINE AND SCIENCE, INC., OF 12321 MIDDLEBROOK ROAD, GERMANTOWN, MD 20874, U.S.A.  (72) Name of the Inventors : COLVIN ARTHUR E. JR.,</p>
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(57) Abstract : The invention relates to indicator molecules for detecting the presence or concentration of an analyte in a medium such as a liquid, and to methods for achieving such detection. More particularly, the invention relates to copolymer macromolecules containing relatively hydrophobic indicator component monomer, and hydrophilic monomers, such that the macromolecule is capable of use in an aqueous environment.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 232/KOL-NP/2003 A

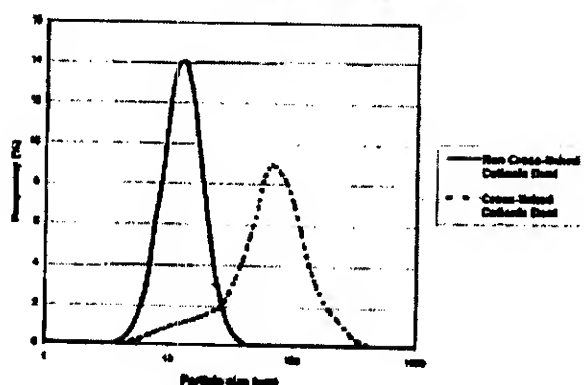
(22) Date of filing of : 24/02/2003  
application

(54) Title of the Invention : "USE OF STARCH COMPOSITIONS IN PAPERMAKING "

<p>(51) International classification : D21H 17/29, 23/06</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/635,962 &amp; 09/740,278</p> <p>(32) Date : 10/08/2000 &amp; 19/12/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : CARGILL INCORPORATED, OF 15407 MCGINTY ROAD WEST, P.O. BOX 5624, MINNEAPOLIS, MN 55391-2399, U.S.A.</p> <p>(72) Name of the Inventors : 1. ANDERSON KEVIN RAY, 2. GARLIE DAVID EDWARD.</p>
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(57) Abstract : Starch compositions, including cationic crosslinked starches, and methods of using those starches in papermaking are disclosed. In particular, a cationized crosslinked starch and use of the starch in the wet end system of a paper machine is disclosed. The starch compositions of the disclosure are particularly adapted for customization for specific wet end systems, and allow for modification to correspond to variations in the wet end of the papermaking machine

Effect of Crosslinking a Cationic Starch  
on Particle Size Distribution



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

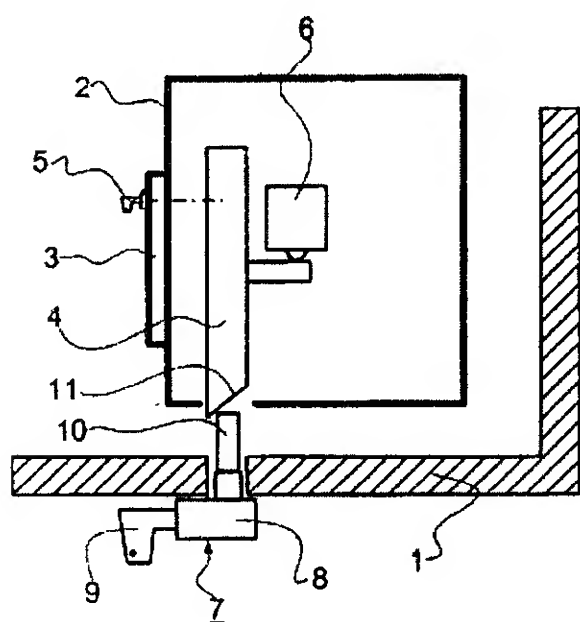
(21) Application No. 236/KOL-NP/2003 A

(22) Date of filing of : 24/02/2003  
application

(54) Title of the Invention : "LOCKING APPARATUS FOR WITHDRAWABLE CIRCUIT BREAKERS "

<p>(51) International classification : H02B 11/133</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 44 530.6 &amp; 101 04 325.2</p> <p>(32) Date : 04/09/2000 &amp; 24/01/2001</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(51) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY.</p> <p>(72) Name of the Inventors : LIEBETRUTH, MARE.</p>
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(57) Abstract : A locking device (7) for low-voltage circuit-breakers (2) which can travel into a frame (1) has a lock (8) and a control member (10) to be activated through said lock (8). Said control member interacts with an internal locking slide (4) when a circuit-breaker is moved into the frame (1), said locking slide being displaceably guided in said circuit-breaker (2). If the locking device is activated ("locked"), the control member (10) acts on the internal locking slide (4) of the circuit-breaker (2) and ensures that the circuit-breaker cannot be switched on. If circuit-breakers (2) with locking slides (4) that can be displaced vertically are used, the control member (10) is situated underneath the circuit-breaker (2).





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 237/KOL-NP/2003 A

(22) Date of filing of : 24/02/2003  
application

(54) Title of the Invention : "A METHOD FOR PRODUCING HEAT-RESISTANT CRIMPED YARN"

<p>(51) International classification : D02G 3/26 (30) Priority Data : (31) Document No. 2000-279922 &amp; 2000-339326 (32) Date : 14/09/2000 &amp; 07/11/2000 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DO PONT TORAY CO. LTD., OF 5-6 NIHONBASHI HONCHO, 1 CHOME, CHUO-KU, TOKYO 103-0023, JAPAN AND TOKAI SENKO K. K., OF 1-2, NESHINDEN, NISHIBIWAJIMA CHO, NISHIKASUGAI-GUN, AICHI 452 0068, JAPAN.  (72) Name of the Inventors : 1. HATANO TAKESHI, 2. KOSUGE KAZUHIKO, 3. TANAHASHI MITSUHIKO, 4. NAKABAYASHI IORI, 5. KONAKA TAKU, 6. ITO TAKAHIRO, 7. YAMADA MINORU.</p>
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(57) Abstract : The present invention related to a method for producing a heat-resistant crimped yarn comprising twisting yarn of a heat-resistant high functional fiber, twist-setting the twisted yarn by heat treatment and untwisting the twist-set yarn, wherein a snarl value of the twist-set yarn is not more than 6.5% , and provides a method for producing a heat-resistant crimped yarn comprising which is practical in point of the productivity, the necessary equipment and the production costs.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 238/KOL-NP/2003 A (22) Date of filing of : 24/02/2003 application  
(54) Title of the Invention : "TRANSGENIC PLANTS CONTAINING MOLECULAR DECOYS THAT ALTER PROTEIN CONTENT THEREIN"

(51) International classification : C12N 15/82 (30) Priority Data : (31) Document No. 60/229,198 (32) Date : 30/08/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : NORTH CAROLINA STATE UNIVERSITY, OF CAMPUS BOX 8210, 2401 RESEARCH DRIVE, RALEIGH, NC 27695-8210 U.S.A.  (72) Name of the Inventors : 1. CONKLING, MARK, A., 2. LI, YAN.
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(57) Abstract : The present application described isolated nucleic acid s that contain a Nic gene product responsive element, and the use thereof in methods of producing transgenic tobacco plants having reduced levels of nicotine and/or TSNA therein, as well as other plants or host cells that contain altered levels of a protein of interest therein due to inclusion of a cis- acting decoy element therein.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 239/KOL-NP/2003 A

(22) Date of filing of : 24/02/2003  
application

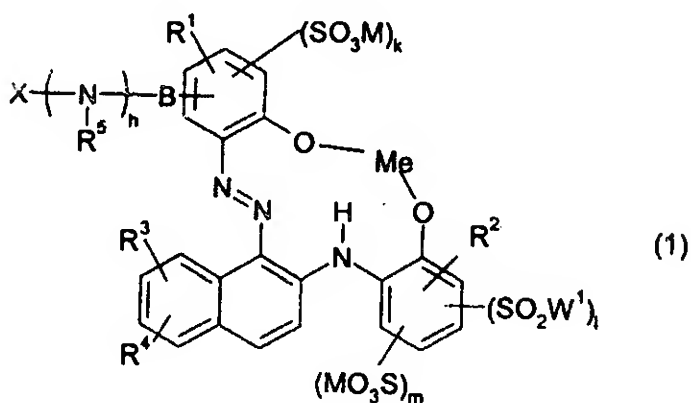
(54) Title of the Invention : "METAL COMPLEX DYES BASED ON BUCHERERED NAPHTHOLS"

<p>(51) International classification : C09B 62/012, 62/032, 62/095, 62/225, 62/44, 62/515</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 51 018.3</p> <p>(32) Date : 14/10/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : DYSTAR TEXTILFARBEN GMBH &amp; CO., DEUTSCHLAND KG., OF 65926 FRANKFURT, GERMANY.</p> <p>(72) Name of the Inventors : 1. EHRENBURG, STEFAN, 2. KUNDNE, KLAUS,</p>
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(57) Abstract :

Metal complex dyes based on Bucherer naphthols

Reactive copper, cobalt or chromium complex compounds of the general formula (1)



where R<sup>1</sup>-R<sup>5</sup>, M, Me, W<sup>1</sup>, X, k, l and m are each as defined in claim 1, processes for their preparation and their use for dyeing or printing textile fiber materials.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

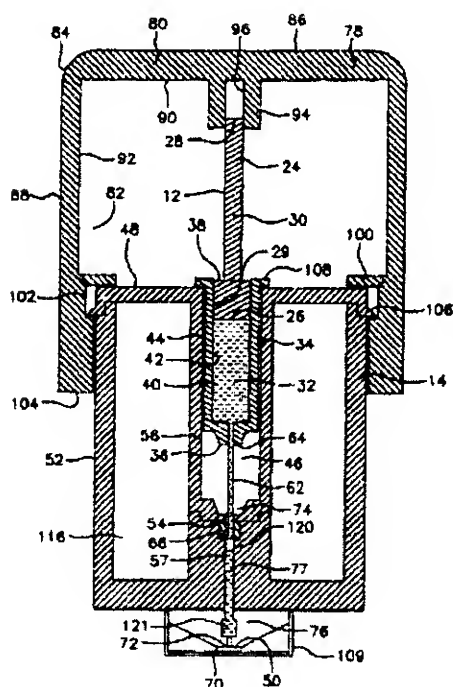
(21) Application No. 240/KOL-NP/2003 A

(22) Date of filing of : 25/02/2003  
application

(54) Title of the Invention : "MODIFIED DISPOSABLE INJECTOR DEVICE"

<p>(51) International classification : A61M 5/30, 5/48, 5/24</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/637,014</p> <p>(32) Date : 14/08/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : CAMBRIDGE BIOSTABILITY LTD., OF 52 BISHOP'S COURT, BISHOP'S ROAD, CAMBRIDGE, CB2 2NN, UNITED KINGDOM.</p> <p>(72) Name of the Inventors : ROSER BRUCE JOSEPH.</p>
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(57) Abstract : The present invention is a modified single use hand-operated injector device consisting of a plunger, a base, a snap means for resisting plunger movement and an injection means for injecting parenteral medication through a skin surface of a patient. The improvement comprises a check valve seated in a cannula and a widened receptacle area within a high pressure barrel through which the cannula passes. When the check-valve plug expels upon increase in pressure, into the widened receptacle area the parenteral medication efficiently flows around the plug and into the subcutaneous tissue of the patient.



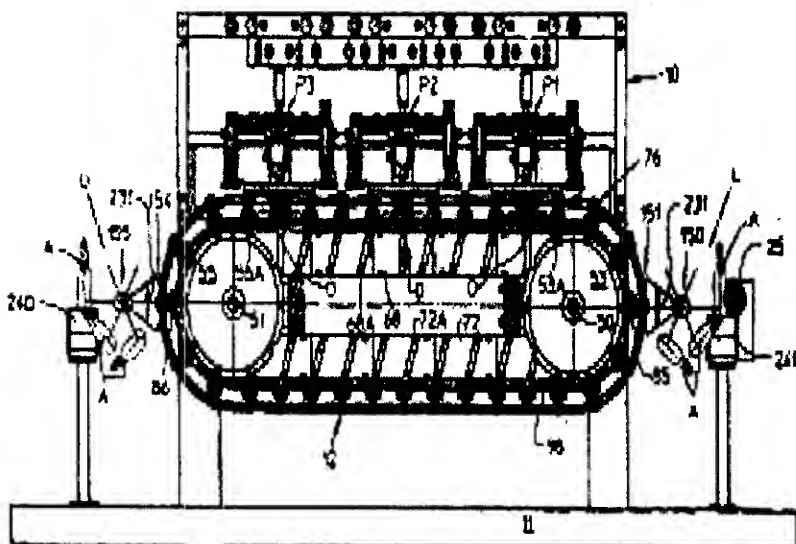
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 241/KOL-NP/2003 A (22) Date of filing of : 25/02/2003  
application  
(54) Title of the Invention : "METHOD AND APPARATUS FOR CHANGING THE ORIENTATION OF WORKPIECES ABOUT AN ANGLED AXIS FOR A DECORATOR"

<p>(51) International classification : B66C 3/00, B65H 29/00 (30) Priority Data : (31) Document No. 09/625,604 (32) Date : 26/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : CARL STRUTZ &amp; CO. INC., P.O. BOX 509, MARS VALENCIA ROAD, MARS PA 16046-0509, U.S.A. (72) Name of the Inventors : 1. TWEEDY MARK R., 2. STRUTZ CARL J., 3. ZWIGART JOHN M., 4. MCCOY GARY W.</p>
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(57) Abstract : A workpiece transfer for a decorating machine (10) includes transport conveyors (24A,24B) for carrying workpieces to and from the decorating machine. The conveyors support each of the workpieces such that an elongated axis (A) of each workpiece is vertically oriented. The machine has a conveyor (155) with spaced workpiece carriers to support a workpiece for rotation about the longitudinal axis of the workpiece in a horizontal orientation. A plurality of workpiece grippers (186) pivotally supported by a drive hub (165) support the workpieces during movement of the longitudinal axis between the vertical and horizontal orientations.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 243/KOL-NP/2003 A

(22) Date of filing of : 26/02/2003  
application

(54) Title of the Invention : "SEMI-RIGID COLLAPSIBLE CONTAINER"

(51) International classification : B65D 1/02,  
1/40

(30) Priority Data :

(31) Document No. 506684 & 512423

(32) Date : 31/08/2000 & 15/06/2001

(33) Name of convention country : NEW  
ZEALAND

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : CO2 PAC  
LIMITED, OF 88-90 BALMORAL ROAD,  
MT EDEN, AUCKLAND, NEW ZEALAND.

(72) Name of the Inventors :  
MELROSE DAVID MURRAY.

(57) Abstract : Novel genetic variants of the Small Inducible Cytokine A2 (monocyte Chemotactic Protein 1, Homologous To Mouse Sig-Je) (SCYA2) gene are described. Various genotypes, haplotypes, and haplotype pairs that exist in the general United States population are disclosed for the SCYA2 gene. Compositions and methods for haplotyping and /or genotyping the SCYA2 gene in an individual are also disclosed. Polynucleotides defined by the haplotypes disclosed herein are also described.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents.  
(Amendment) Act, 2002

(21) Application No. 245/KOL-NP/2003 A

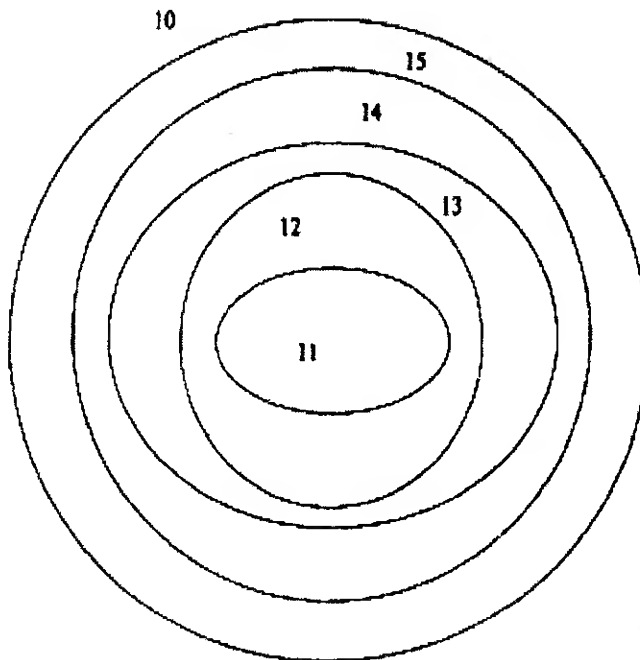
(22) Date of filing of : 26/02/2003

application

(54) Title of the Invention : "OPHTHALMIC LENSES USEFUL IN CORRECTING  
ASTIGMATISM AND PRESBYOPIA"

(51) International classification : G02C 7/04 (30) Priority Data : (31) Document No. 09/650,944 (32) Date : 30/08/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE, INC., OF 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FLORIDA 32256, U.S.A.  (72) Name of the Inventors : 1. ROFFMAN, JEFFREY, H., 2. POLING, TIMOTHY, R.,
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(57) Abstract : This invention includes an ophthalmic lens having a convex surface and an opposing concave surface where on of said surfaces contains alternating distance and near power zones where one or more distance zones have cylinder power.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

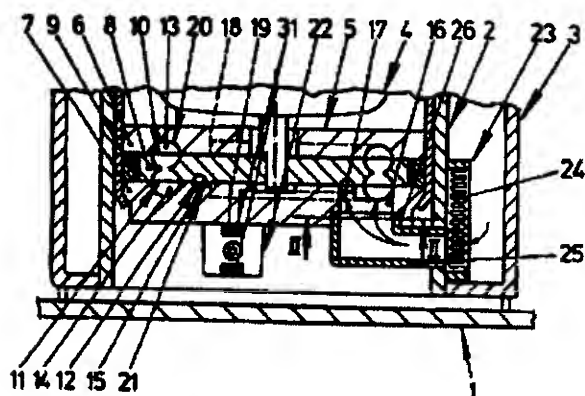
(21) Application No. 246/KOL-NP/2003 A

(22) Date of filing of : 26/02/2003  
application

(54) Title of the Invention : "FILTER MODULE FOR A FUEL FEED UNIT, AND FUEL FEED UNIT FOR A MOTOR VEHICLE"

<p>(51) International classification : F02M 37/22, 37/10</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 44 610.8</p> <p>(32) Date : 09/09/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, MUNCHEN 80333 GERMANY.</p> <p>(72) Name of the Inventors : 1. MARX, PETER, 2. SCHUCHARDT, PETER, 3. DEICHMANN, JOHANNES.</p>
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(57) Abstract : The invention relates to a filter module (23) for a fuel conveying unit (2) comprising a fuel pump (5) with two pump chambers (20, 21) which are independent of each other. A common filter area (24) is provided for the inlet areas (16, 17) of the pump chambers (20, 21). The filter module (23) has a connector (25) which can be inserted into a recess of a housing part (7). The configuration of the filter module (23) is particularly economical as a result





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

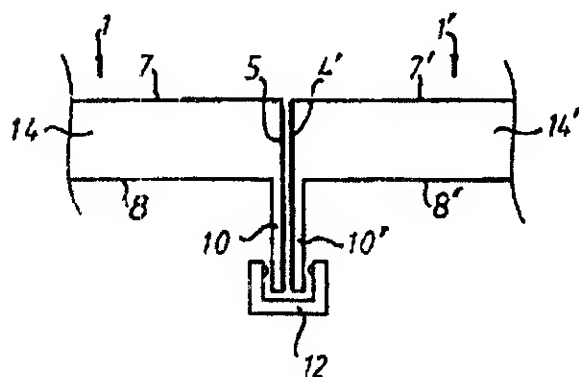
(21) Application No. 248/KOL-NP/2003 A

(22) Date of filing of : 27/02/2003  
application

(54) Title of the Invention : "SHUTTERING ELEMENT FOR CONSTRUCTING A HEMISPHERICAL BUILDING AND SHUTTERING METHOD FOR USE DURING ITS CONSTRUCTION"

<p>(51) International classification : E04G 11/04, E04B 1/32</p> <p>(30) Priority Data :</p> <p>(31) Document No. 1742/00</p> <p>(32) Date : 06/09/2000</p> <p>(33) Name of convention country : CH</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : TROTSMANN, RENE, SWITZERLAND, BALTENSCHWILERSTRASSE 39, CH- 8962 BERGDIETIKON, A SWISS NATIONAL.</p> <p>(72) Name of the Inventors : TROTSMANN, RENE.</p>
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(57) Abstract : Shuttering elements (1, 20) for the construction of a hemispherical building are disclosed, comprising webs (10) along the side edges (4, 5) thereof. The webs (10) project from the underside (8) of the shuttering element (1, 20), facing what is to become the building interior (36). The individual shuttering elements (1, 20) may be connected using the webs (10), by means of quick-fasteners (12, 13) to produce the complete shuttering and are multiply re-usable. The invention further relates to a method for the construction of a hemispherical building.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 249/KOL-NP/2003 A

(22) Date of filing of : 27/02/2003  
application

(54) Title of the Invention : "PEN DEVICE FOR ADMINISTRATION OF PARATHYROID HORMONE"

(51) International classification : A61M 5/315, 5/24

(30) Priority Data :

(31) Document No. 60/239,172

(32) Date : 09/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

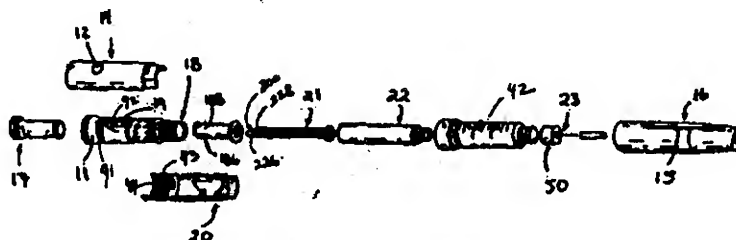
(63) Divisional to Application No. :NIL

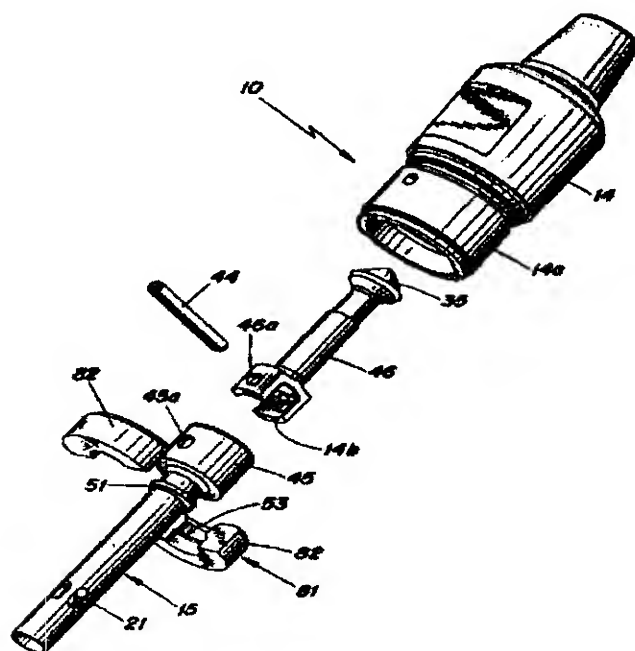
(64) Filed on :NA

(71) Name of the Applicant : ELI LILLY AND COMPANY, LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285, U.S.A.

(72) Name of the Inventors :  
ROE MICHAEL JOSEPH.

(57) Abstract : A pen delivery device and a procedure for administering parathyroid hormone is provided to allow for the priming and injection of a single predetermined dose. The method is a three-step method using visual indicators to set the priming and injectable dose deliveries. The device is made of a minimal number of parts, which include a housing, a dose knob, a generally cylindrical disengaging assembly located within the proximal end of the dose knob, and an externally threaded drive stem. The pen device further includes a mechanism that prevents the user from dialing up a dosage greater than that remaining in the cartridge.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

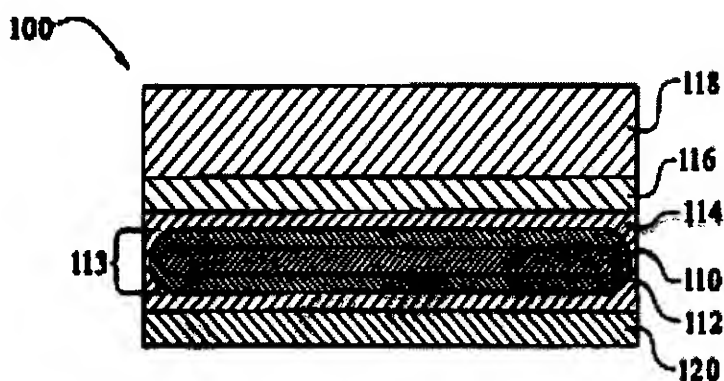
(21) Application No. 251/KOL-NP/2003 A

(22) Date of filing of : 28/02/2003  
application

(54) Title of the Invention : "ENCAPSULATED BARRIER FOR FLEXIBLE FILMS AND A METHOD OF MAKING THE SAME"

(51) International classification : B32B 27/28	(71) Name of the Applicant : PECHINEY
(30) Priority Data :	EMBALLAGE FLEXIBLE EUROPE, OF 1
(31) Document No. 09/650,385	RUE DE L'UNION F-92843 RUEIL
(32) Date : 29/08/2000	MALMAISON, FRANCE.
(33) Name of convention country : U.S.A.	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. BLEMBERG, ROBERT, J.,
(61) Patent of addition to application No. NA	2. PETKOVSEK, GREGORY, L.,
(62) Filed on :NA	3. PERRE, CHAD M.
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : Coextruded films having a heat sensitive barrier layer (110) comprising materials such as EV011, nylon etc, which has been encapsulated by a first adhesive material (112), and additional adhesive layers of a higher melting polymer (113) deposited on the first adhesive layer. The first adhesive layers help to protect the heat sensitive barrier material from the heat of extrusion/lamination.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

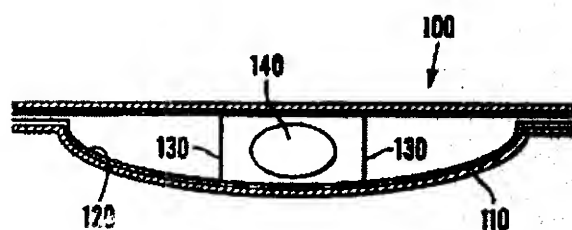
(21) Application No. 253/KOL-NP/2003 A

(22) Date of filing of : 28/02/2003  
application

(54) Title of the Invention : "CONSUMABLE CONTAINER"

<p>(51) International classification : A61K 9/48  (30) Priority Data :  (31) Document No. 0020148.3 &amp; 0022624.1  (32) Date : 17/08/200 &amp; 15/09/2000  (33) Name of convention country : GREAT BRITAIN  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MACHINES INDUSTRIELLES ETABLISSEMENTS KIRCHSTRASSE., OF FL 9490, VADUZ, LIECHTENSTEIN.    (72) Name of the Inventors :  1. BROWN LEONAARD LOUIS,  2. BROWN EDWIN CHRISTOPHER.</p>
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(57) Abstract : A consumable container which provides for the rapid release of its contents in the mouth of a consumer. The consumable container comprises an outer shell defining a closed cavity and a closed inner container inside the outer shell, in which the outer shell comprises a tight fibrous substance that is liable to rupture upon being placed in the mouth of a human or animal subject.



### अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Int. Cl<sup>7</sup> : B62J 17/08

Ind. Cl : 53A

Title : A PROTECTIVE ROOF FOR VEHICLES SUCH AS BICYCLES

Applicant : 1. ANDRE PERRET, OF BIEDERSTEINER STR. 12, D-80802 MUNCHEN, GERMANY.  
2. DR. CLAUS-MICHAEL MAYR, OF FRIEDASTR. 7K, D-81479, MUNCHEN, GERMANY

Inventor : 1. ANDRE PERRET  
2. DR. CLAUS-MICHAEL MAYR

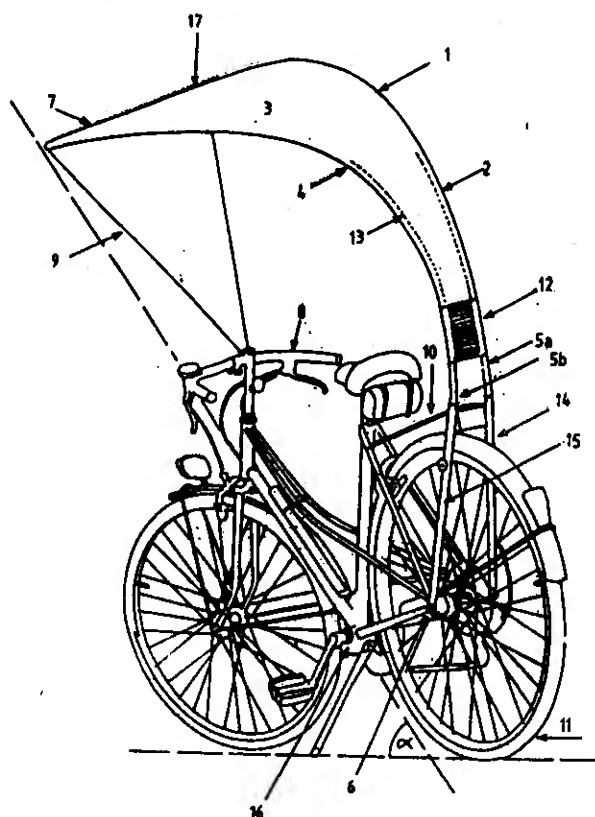
194061

Application no 1126/CAL/1997 FILED ON 13/06/1997  
(CONVENTION NO.19623849.8 FILED ON 14.6.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

#### **14CLAIMS.**

A protective roof (1) for bicycles comprising a frame (2) and a covering (3) impermeable to one of rainwater and UV radiation, characterized in that the frame (2) comprises an elastic frame tube (4) having two ends (5a, 5b) which is being into the form of a spoon-shaped loop, the two tube ends (5a, 5b) being held in the region of the back wheel hub (6) and the end of the frame (2) being adjusted to one of a predetermined inclination and height by means of a tensioning cable (9) fixed near the handlebar (8).



Int. Cl <sup>7</sup>	:	G01G 17/06	194062
Ind. Cl	:	206 E	
Title	:	AN AUTOMATED PRECISION LIQUID METERING APPARATUS USING INJECTOR AS METERING DEVICES.	
Applicant	:	HU HUGO OF 84-7, NO. 16 LANE 609, SEC.5 CHUNG-SHIN RD, SAN-CHUNG CITY TAIPEI HSIEN, TAIWAN, REPUBLIC OF CHINA	
Inventor	:	HU HUGO	
Application no	:	399/CAI/2000 FILED ON 13.7.2000	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

#### **6CLAIMS.**

An automated precision liquid metering apparatus using injectors as metering devices, comprising:

a plurality of storage containers (40) uniformly spaced on a plane in multiple rows, each of said containers being sealed with a cap (402) for containing an amount of a specific liquid and a loadstone (401) therein;

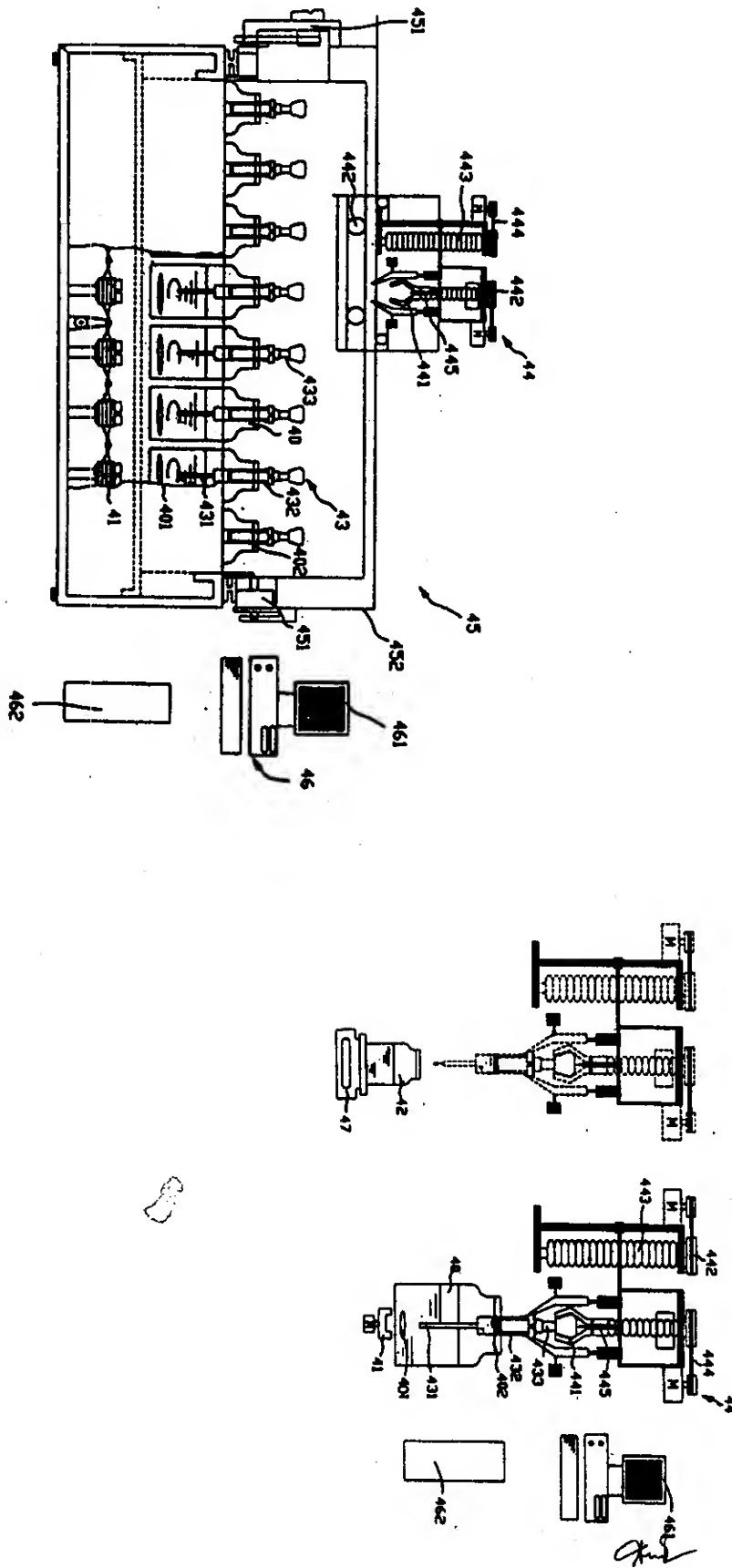
a stirring means (41) located below said storage containers for causing said loadstones to rotate and thereby evenly mix chemicals in said specific liquid in said storage containers;

a receptacle (42) positioned on an electronic balance (47) for receiving an amount of said specific liquid sucked from one storage container selected from said plurality of storage containers;

a plurality of injectors (43) separately mounted on said storage containers, such that each said cap of said storage containers has at least one said injector extending there through; each of said injectors having a narrowed front tube portion (431) extending into said specific liquid contained in each said storage container to allow an amount of said specific liquid to be sucked into said injector for releasing into said receptacle;

a travelling means (45) mounted above said storage containers; a liquid sucking-releasing means (44) connected to said travelling means and adapted to be moved by said travelling means to a position above said selected storage container to cause said injector on said selected storage container to suck an amount of





Complete Specification : 19 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : B01J 35/00 35/04

Ind. Cl : 40A

Title : PROCESS AND APPARATUS FOR PRODUCING A HONEYCOMB BODY

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, D-53797, LOHMAR, GERMANY.

Inventor : ROLF BRUCK,

193063

Application no 144/CAL/1998 FILED ON 28.01.1998  
(CONVENTION NO19704521.9. FILED ON 6.2.1997 in GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**12 CLAIMS.**

A process for producing a honecomb body having plurality of passage (4) through which exhaust gases of an engine can pass comprising a plurality of at least partially/structured sheets (2), in which

- a) at least one stack (1) is formed in layered relationship from a plurality of atleast partially structured sheets (2)
- b) the stack (1.9) is introduced into a mould (12) and is held therein by a wrapping device (15) in the central region (18) of the stack (1.9) and
- c) the stack (1.9) is subjected to a wrapping procedure until a predetermined degree of wrapping of the stack (1.9) is attained and a structural configuration provided in a central region (18) and having structures (7.8) which are disposed relative to each other of the sheets (2) is maintained at least during the wrapping procedure.

***Complete Specification : 14 pages.***

***Drawing :2 sheets***

Int. Cl<sup>7</sup> : A61B 6/00

Ind. Cl : 128G

Title : METHODS AND APPARATUS FOR SCANNING AN OBJECT  
AND DISPLAYING AN IMAGE IN A COMPUTED  
TOMOGRAPHY SYSTEM.

Applicant : GENERAL ELECTRIC COMPANY OF 1 RIVER ROAD,  
SCHENECTADY 12345, NEW YORK, UNITED STATES OF  
AMERICA

Inventor : 1. FOX STALEY.  
2. SENZING ROBERT. FRANKLIN  
3. HSIEH JIANG.

Application no 1468/CAL/1997 FILED ON 07.08.1997  
(CONVENTION NO.08/733,502 FILED ON 18.10.1996 IN USA)

194064

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**18 CLAIMS.**

A method for scanning an object in a computed tomography system the computed tomography system comprising an x-ray source for projecting x-ray, a detector for detecting x-ray from the x-ray source and attenuated by the object, a display, and a process coupled to the detector and coupled to the display, and a processor coupled to the detector and coupled to the display for generating images on the display, said method comprising the steps of:

- obtaining scan projection data;
- processing the projection data to generate image data; and
- displaying at least one image slice and one three-dimensional image simultaneously on the display.

***Complete Specification : 22 pages.***

***Drawing : 4 sheets***

Int. Cl<sup>7</sup> : G05F 1/53, 5/00

194065

Ind. Cl : 206 E

Title : ADAPTIVE APPARATUS FOR MEASURING VOLTAGE AND  
USING THE MEASUREMENTS FOR CONTROLLING VOLTAGE  
TAPCHANGING SWITCHES ON TRANSFORMERS AND  
REGULATORS IN AN ALTERNATING CURRENT (AC) POWER  
DISTRIBUTION SYSTEM

Applicant : ROBERT WALLACE BECKWITH, OF 2794, CAMDEN ROAD  
CLEARWATER, FLORIDA, 34619-1007, USA

Inventor : ROBERT WALLACE BECKWITH  
Application no 1923/CAL/1996 FILED ON 04.11.1996

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

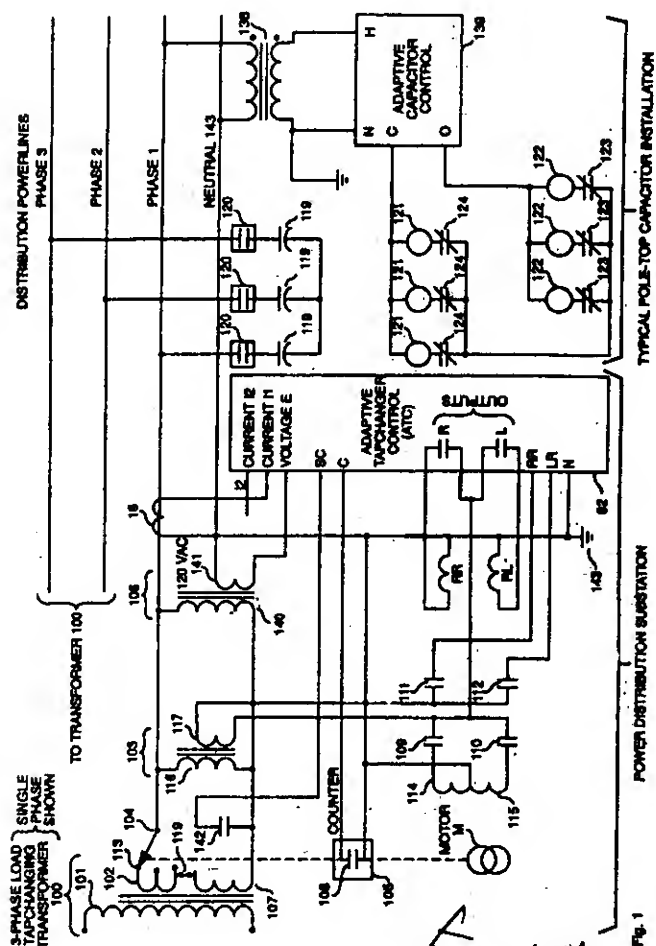
**19CLAIMS.**

Adaptive apparatus (62) for measuring voltages and using the measurements for controlling voltage tapchanging switches (164) on transformers (100) and regulators (150) in an alternating current (AC) power distribution system comprising in combination;

- a) means for taking digital samples of said AC voltage and continuously processing said samples to obtain amplitudes of said AC voltages;
- b) operating means for entering AC voltages as setpoints and for establishing deadbands around said set points;
- c) said operating means having means for determining deviations of said voltage amplitudes inside and outside of said deadbands and for integrating linear and nonlinear functions of said deviations; and
- d) output means for raising the position of tap switches (118) when said AC voltage amplitudes are below said deadbands and when said integration exceeds a threshold and

for lowering the position of said tap switches (118) when said AC voltages are above said deadbands and when said integration exceeds said threshold,

whereby said tap switches (118) operate to regulate said AC voltages,



Complete Specification : 84 pages.

Drawing : 25 sheets

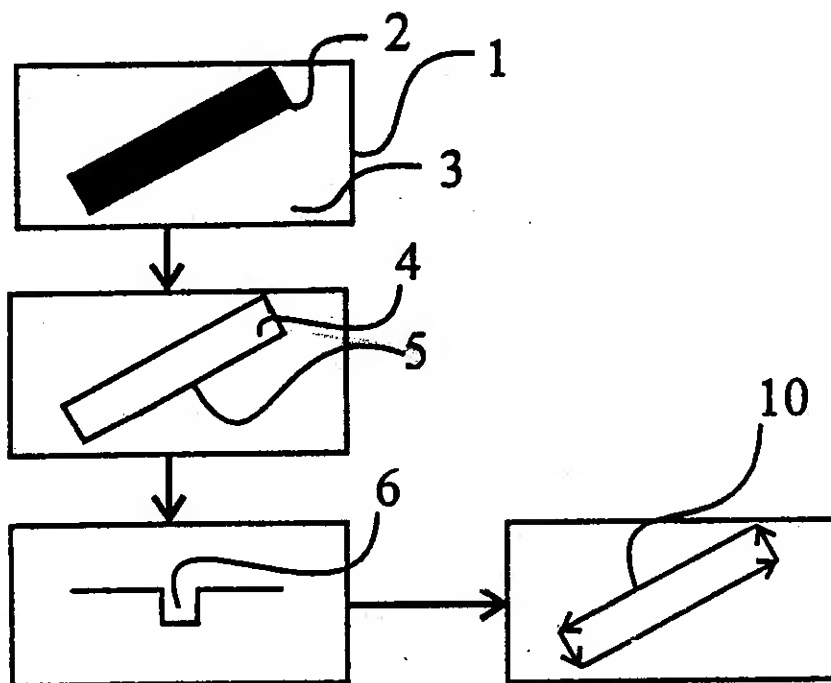
Int. Cl<sup>7</sup> : B41C 1/04  
Ind. Cl : 154 C  
Title : A METHOD FOR PRODUCING AN EMBOSSEING PLATE  
AND AN ENGRAVED OBJECT PRODUCED THEREBY  
Applicant : GIESECKE & DEVRIENT GMBH, OF  
PRINZREGENTENSTRASSE 159, D-81677, MUNCHEN,  
GERMANY.  
Inventor : 1. WITTICH KAULE.  
2. KARLHEINZ MAYER.  
Application no 1132/CAL/1997 FILED ON 16.6.1997  
(CONVENTION NO.19624131.6 FILED ON IN GERMANY.)

194066

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 35CLAIMS.

A method for producing a embossing plate, in particular steel intaglio printing plate, having a surface with at least one depression in the form of a line provided in the surface of the embossing plate, said line defining a limited partial area of the surface and the edge of the partial area defining a desired contour, said method comprising the steps of determining a tool track from the desired contour and from a predetermined desired depth of said depression, and causing an engraving tool to be moved along said tool track to remove material of said partial area within the desired contour at the predetermined desired depth.



Complete Specification : 18 pages.

Drawing : 5 SHEETS.

Int. Cl<sup>7</sup> : D01H 1/08

Ind. Cl : 172 D8

Title : POT SPINNING DEVICE

Applicant : W. SCHLAFHORST AG & CO OF POSTFACH 10 04 35, D-41004  
MONCHENGLADBACH, GERMANY.

194067

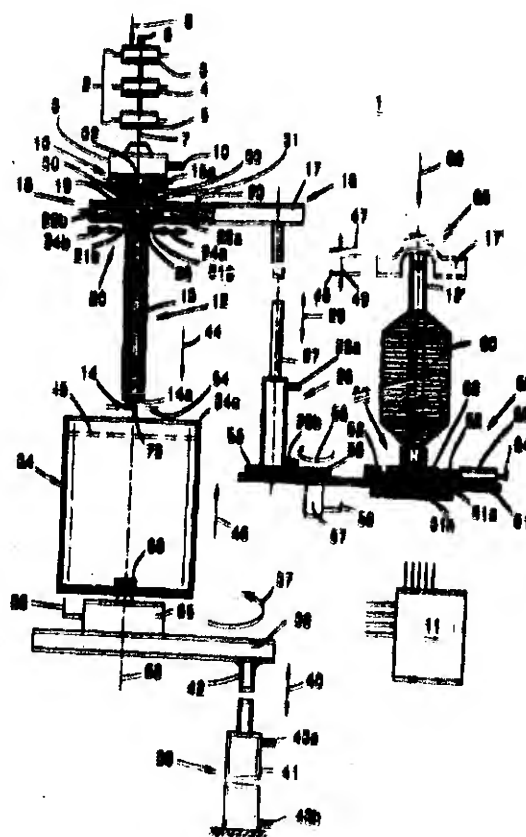
Inventor : KARL KOLTZE

Application no : 2021/CAL/1997 FILED ON 27.10.1997  
(CONVENTION NO.P119650598.4 FILED ON 6.12.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 10 CLAIMS.

Pot spinning device in which a thread guiding pipe dips into a rotating spinning pot and during a spinning process there results a relative movement between spinning pot and thread guide, whereby the thread gets deposited in certain positions on to the inner wall of the spinning pot and the spinning cake is subsequently rewound on to a yarn carrier; (12,12',112; 212; 312) which after being on the winding through rewinding of the spinning cake (71) for carrying out a fresh spinning operation, being replaced by an unwound yarn carrier (12; 112; 212;312)



*Complete Specification : 13 pages.*

*Drawing : 4 sheets*

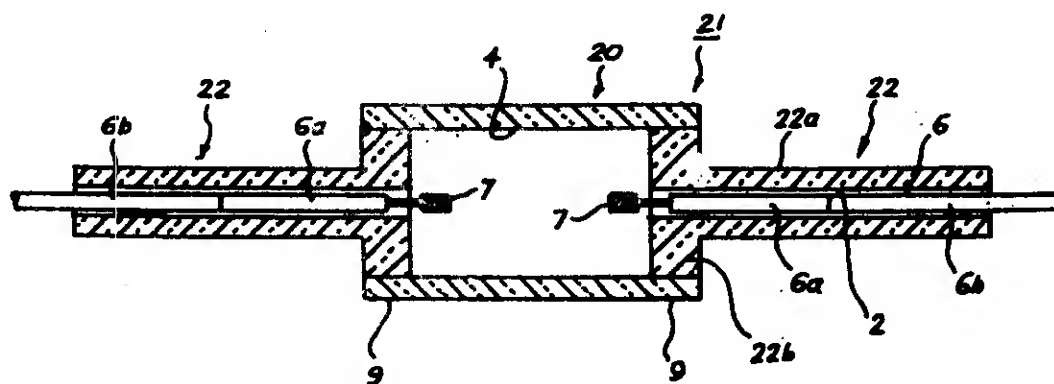
Int. Cl <sup>7</sup>	:	H01J 9/24; H01J 61/30	194068
Ind. Cl	:	25 E	
Title	:	A PROCESS TO PRODUCE CERAMIC TUBES FOR METAL HALIDE LAMPS.	
Applicant	:	NGK INSULATORS LTD, OF 2-56, SUDO-CHO, MIZUHO-KU, NAGOYA CITY, AICHI PREF, JAPAN	
Inventor	:	1. MIYAZAWA SUGAIO 2. ASAI MICHIO	
Application no	:	1596/CAL/1997 FILED ON 29.08.1997	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

#### 6 CLAIMS.

1. A process to produce a ceramic tube (21) for a metallic halide lamp, comprising the steps of forming an integrally molded body (22) composed of an electrode member-inserting portion (22a) and an annular portion (22b) located around an outer periphery of the electrode member-inserting portion, inserting the annular portion (22b) of the integrally molded body (22) into an open end portion of a molded cylindrical tubular body (29) in a state that each of the integrally molded body (22) and the molded tubular body (29) is used as molded or after being calcined, thereby forming an assembled body (22,29,22) and firing the assembled body, thereby forming an integrally fired body (21) composed of the electrode member-inserting portion and the annular portion, whereas the annular portion (22b) and the tubular body (29) are sintered to each other by firing in a state that radial press fitting forces act between the annular portion (22) and the tubular body, said ceramic tube being constituted by the cylindrical tubular body containing a discharging space with open end portions at both ends thereof, the annular portions provided at the open end portions of the tubular body, and electrode member-inserting portions fixed at the opposite ends of the tubular body through the annular portions, respectively.





*Complete Specification : 29 pages.*

*Drawing : 7 sheets*

Int. Cl<sup>7</sup> : B63V 27/08 B66C 23/52 B66B 35/00

Ind. Cl : 116H

Title : A DEEP WATER LOWERING APPARATUS FOR THE  
INSTALLATION OF UNDERWATER STRUCTUREAL  
COMPONENTS

Applicant : J. RAY MCDERMOTT, S.A OF 1450, POYDRAS STREET, PO  
BOX 600 35, NEW ORLEANS, LA 70112, USA

Inventor : 1. CALKINS DENNIS EARL  
2. LABAKI AFIF MICHEL  
3. TOUPS JAMES JOSEPH  
4. ZAERINGER KEVIN PATRICK

Application no 526/CAL/1999 FILED ON 07.06.1999  
(CONVENTION NO. 99/123922 FILED ON 28.7.1998 IN USA)

194069
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*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### **5CLAIMS.**

A deep water lowering apparatus (10) for the installation of underwater structural components, said apparatus (10) being mounted on a barge (3) having a crane (1) and said apparatus comprising :

(a) two davit structures (12) mounted on the barge (3) so as to be parallel to each other ;

(b) an upper sheave block (18) mounted on each davit structure (12) ;

(c) a lower sheave block (20) suspended from each davit structure (12) ;

(d) a traction winch (16) aligned with each davit structure (12) ;

(e) a storage winch (14) aligned with each davit structure (12) ;

(f) an equalizer beam (28) mounted between said davit structures (12), said equalizer beam (28) having two sheaves (42) at the end of said equalizer beam (28) adjacent the davit structures (12) and one sheave (48) at the end of said equalizer beam (28) adjacent said storage winches (14) ;

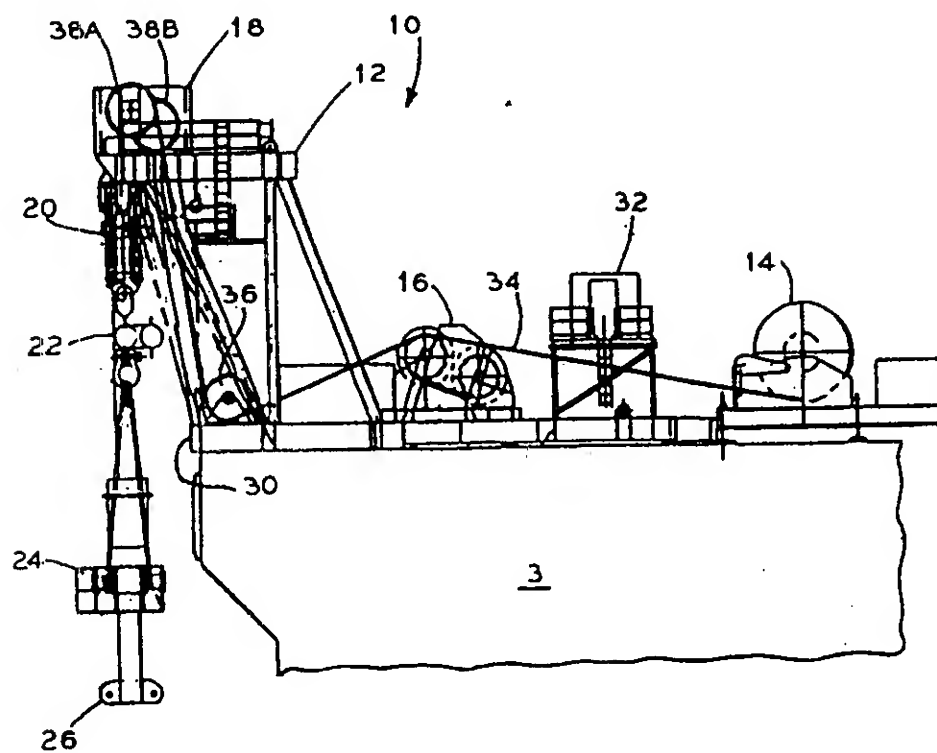
(g) a pendant line (46) reeved around the one sheave (48) on said equalizer beam (28) ;

(h) a pulling line (34) wound on each storage winch (14) and reeved around said traction winches (16) and said upper and lower sheave blocks (18, 20), one of the two sheaves (42) on said equalizer beam (28), with the end of each pulling line (34) attached to one end of said pendant line (46) ;

(i) a spreader bar (22) attached to said lower sheave block (20) ;

(j) an adaptor box (24) attached to said spreader bar (22) ; and

(k) a lowering tool (26) adapted to be received in said adaptor box (24) and transfer a load directly to said adaptor box (24).



*Complete Specification :13 pages.*

*Drawing : 15 sheets*

Int. Cl<sup>7</sup> : G11B – 5/035  
Ind. Cl : 147 J  
Title : WAVEFORM EQUALIZATION APPARATUS  
Applicant : DAEWOO ELECTRONICS CORPORATION OF 686  
AHYEON-DONG, DAPO-GU, SEOUL, KOREA.  
Inventor : CHOI BYUNG -BONG  
Application no 2028/CAL/1997 FILED ON 28.10.1997

194070

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **11CLAIMS.**

A waveform equalization apparatus adopting a transversal filter for suppressing inter-symbol interferences of a digital information signal reproduced from a recording medium having a multiplicity of tracks through a head, the apparatus comprising:

delay circuits (251–254), multipliers (255–259) and adding circuits (260) for summing weighted values obtained by multiplying the reproduced digital information signal and delayed signals thereof by tap coefficients, wherein each of the tap coefficients is controlled and the reproduced digital information signal includes a plurality of symbol data;

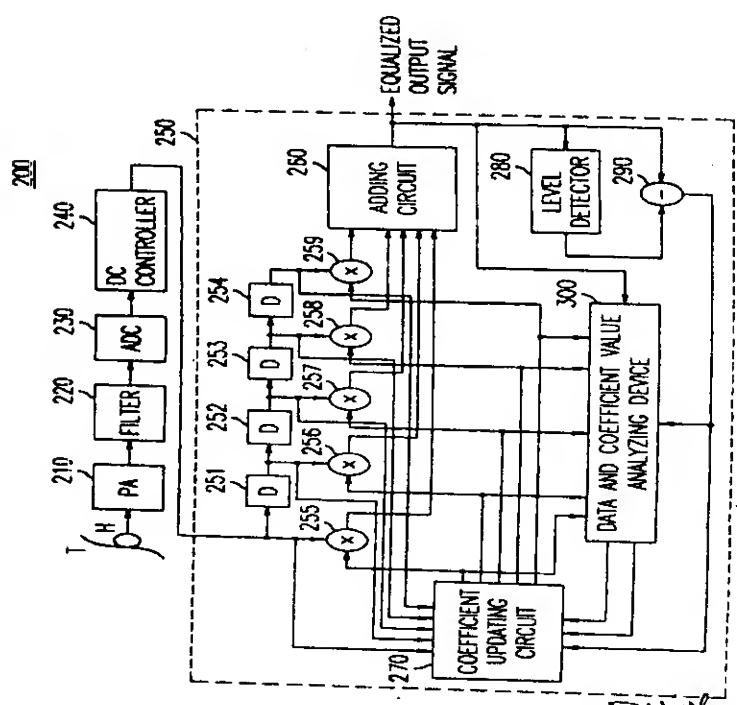
level detector (280) for comparing an output signal of the transversal filter for each of a plural number of symbol data included in a digital information signal reproduced from a target track with predetermined thresholds to obtain a plausible digital information signal;

subtractor (290) for calculating an amplitude difference between

the output signal and the plausible digital information signal;

analyzers (310) and (320) for analyzing the tap coefficients of each symbol data and the output signals of the plural number of symbol data, to thereby provide a coefficient value status signal indicating whether all of the tap coefficients are converged or diverged and a data analysis result signal representing whether an eye pattern of the output signals is open or closed; and

selection and coefficient updating circuits (330, 340, 350, 270) based on the coefficient value status signal and the data analysis result signal, for selectively providing, as the tap coefficients, predetermined initial tap coefficients, or new tap coefficients obtained by using the amplitude difference, the reproduced digital information signal and the delayed signals thereof.



Complete Specification : 26 pages.

Drawing : 6 sheets

### GAZETTE NOTIFICATION

The amendments proposed by "GUALA CLOSURES PATENTS B V, Herengracht 548, 1017 CG amsterdam, The Netherlands" in respect of Patent Application No. 363/MAS/94 as advertised in Part III- Sec. 2. of the Gazette of India on 16/12/2000 and no opposition being filed within the stipulated period. The said amendments have been allowed.

### AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that M/s. RECKITT BENCKISER INC., of 1655 Valley Road, Wayne, New Jersey 07474, United States of America, have made an application of Under Section 57 of the Patents Acts, 1970 for change of address for service of their application No. 2185/Del/96 (187239) for "A LIGHT DUTY DISHWASHING DETERGENT COMPOSITION" The amendments are by way of correction for address for service from M/s. Remfry & Sagar, 8 Nangal Raya Business Centre, New Delhi-110046 to M/s. Remfry & Sagar Attorneys-at law Remfry House At Millennium Plaza, Sector 27 Gurgaon-122002 National Capital Region, India.

The application and the proposed amendments can be inspected free of charge at Patent Office, W-5, West Patel Nagar, New Delhi-110008 for copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form within 3 months from the date of this Notification at the Patent Office, New Delhi.

### OPPOSITION PROCEEDING (U/S. 25)

An opposition entered by Mr. Ravi Prakash Mital, New Delhi to the grant of a Patent to the application No. 182298 (1056/Cal/94) has been dismissed and the application for patent has been ordered to proceed for sealing if requested for.

### GAZETTE NOTIFICATION

The claim made by claimant under Section 20(1) of the Patent Act, 1970 in respect of Patent Application No. 188739 (650/BOM/1997) has been allowed and proceeded in the name of JOHNSON DIVERSEY INC. of 8310, 16th street, P.O. Box 902, Sturtevant, Wisconsin 53177-0902. U.S.A; as US company.

### NOTIFICATION UNDER SECTION 60 (DELHI)

Patent No. 186415 was ceased on 20.05.2003 due to no payment of renewal fee where as the patentee ETI TECHNOLOGIES, INC. has made an application Under Section 60 of the Patent Act, 1970 for restoration of said patent.

Any interested person may give notice of opposition to the restoration by leaving a notice of Form-14 in duplicate, with the Controller of Patents. The Patent Office, Delhi Branch, W-5, West Patel Nagar, New Delhi-110008 Under Rule 85 of the Patent (Amendment) Rules, 2003. A written statement, in triplicate, setting out the nature of the opposition interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of advertisement of the notice in the Official Gazette.

### RENEWAL FEES PAID

KOLKATA FROM 01.04.2004 TO 08.06.2004

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PATENTS SEALED ON 20-08-2004/KOLKATA.





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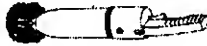


**REGISTRATION OF DESIGNS**


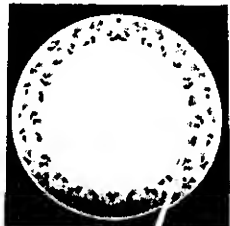



The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)






The dates shown in the following each entry is the date of registration.




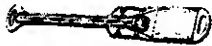

Class	02-04	No.194584. GURU NANAK INDUSTRIES, AN INDIAN PROPRIETORSHIP FIRM OF 7 <sup>TH</sup> MILE STONE, NEAR SABJI MANDI, AGRA-MATHURA ROAD, AGRA-282007, U.P. INDIA. "SOLE FOR FOOTWEAR" 17.02.2004	
Class	02-04	No.194585. GURU NANAK INDUSTRIES, AN INDIAN PROPRIETORSHIP FIRM OF 7 <sup>TH</sup> MILE STONE, NEAR SABJI MANDI, AGRA-MATHURA ROAD, AGRA-282007, U.P. INDIA. "SOLE FOR FOOTWEAR" 17.02.2004	
Class	02-04	No.194582. M/S. BABA POLYMERS OF G-37, MUSTJAB QUARTERS, AGRA, CANTT. AGRA (U.P.) "SOLE OF FOOTWEAR" 16.02.2004	
Class	11-02	No.193886. STONE MASTER, AN INDIAN PROPRIETARY CONCERN AT 8, LODHA ESTATE, BEHIND MITTAL INDUSTRIAL ESTATE NO.5, MAROL NAKA, ANDHERI-KURLA ROAD, ANDHERI(E), MUMBAI:-400 059, MAHARASHTRA, INDIA, "MARBLE MANDIR" 25.11.2003	








Class	28-03	No.194041. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA, "MEDIUM TWIN BALL MASSAGER" 18.12.2003	
Class	28-03	No.194044. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA, "MINI SPUTNIK MASSAGER" 18.12.2003	
Class	04-01	No.194260. RECKITT BENCKISER INC., A DELAWARE CORPORATION, OF 1655 VALLEY ROAD, WAYNE, NEW JERSEY 07474, U.S.A. "CLEANING BRUSH" 18.07.2003. RECIPROCITY (U.K.)	
Class	28-03	No.194043. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA, "MINI HAND & FOOT ROLLER" 18.12.2003	
Class	28-03	No.194042. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA, "SATELLITE HAND MASSAGER" 18.12.2003	


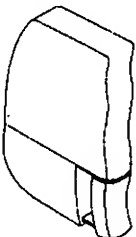
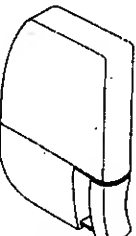

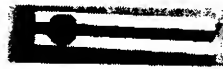
<b>Class</b>	<b>28-03</b>	<b>No.194038. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA, "REFLEXOLOGY ROLLER" 18.12.2003</b>	
<b>Class</b>	<b>07-01</b>	<b>No.193054.. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10<sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003</b>	
<b>Class</b>	<b>07-01</b>	<b>No.193055. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10<sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003</b>	
<b>Class</b>	<b>07-01</b>	<b>No.193059. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10<sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003</b>	
<b>Class</b>	<b>07-01</b>	<b>No.193051. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10<sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003</b>	

<b>Class</b>	<b>07-01</b>	No.193058. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193062. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193064. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193063. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193053. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	






<b>FIGURE NO. 3.</b>			
<b>Class</b>	<b>15-03</b>	<b>No.193405. M/S. LEKSHMY PLOUGH WORKS, HAVING OFFICE AT NO. 49, MANKATTI THEPPAKULAM ROAD, (VELANATHAM PATTI ROAD), MELUR-625106, MADURAI DISTRICT, TAMIL NADU, INDIA. "PLOUGH FOR TRACTOR" 07.10.2003</b>	
<b>Class</b>	<b>09-01</b>	<b>No.194052. ULYSSES PHARMACEUTICALS PVT. LTD., 125 RASH BEHARI AVENUE, KOLKATA-700029. "BOTTLE" 22.12.2003</b>	
<b>Class</b>	<b>09-01</b>	<b>No.194053. ULYSSES PHARMACEUTICALS PVT. LTD., 125 RASH BEHARI AVENUE, KOLKATA-700029. "BOTTLE WITHOUT CAP" 22.12.2003</b>	
<b>Class</b>	<b>09-05</b>	<b>No.193614. ASTRA TECH AB, A SWEDISH COMPANY, OF BOX 14, S-431 21 MOLNDAL, SWEDEN. "CATHETER PACKAGE" 29.04.2003 (RECIPROCITY, SWEDEN)</b>	
<b>Class</b>	<b>24-99</b>	<b>No.194077. THE GILLETTE COMPANY, OF PRUDENTIAL TOWER BUILDING, BOSTON, MASSACHUSETTS 02199, U.S.A. "BATTERY OPERATED DENTAL FLOSS" 30.06.2003 (RECIPROCITY, WIPO)</b>	





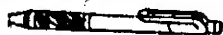
**TRADE MARKS**

Class	23-02	No.194795. E.I.D. PARRY (INDIA) LIMITED, OF BUSINESS AT CERAMIC DIVISION, POST BOX.12, "DARE HOUSE", 234, N.S.C. BOSE ROAD, CHENNAI;-600 001, T.N., INDIA. "WASHBASIN" 09.03.2004	
Class	12-11	No.193569. HONDA MOTOR CO. LTD. A CORPORATION OF JAPAN, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN. "FRONT COWL FOR A MOTOR SCOOTER" 24.04.2003 RECIPROCITY, JAPAN.	
Class	12-07	No.192618. OAO KAZANSKIY VERTOLETNIY ZAVOD, RUSSIA, 420085, KAZAN, TETSOVSKAYA ST., 10 (RU), A PUBLIC CORPORATION OF RUSSIA. "HELICOPTER" 20.01.2003 (RECIPROCITY, RUSSIA)	
Class	09-03	No.193963. MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., MANUFACTURERS AND MERCHANTS, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN. "PACKAGE" 30.05.2003 (RECIPROCITY, JAPAN)	
Class	09-05	No.193615. ASTRA TECH AB, A SWEDISH COMPANY, OF BOX 14, S-431 21 MOLNDAL, SWEDEN. "CATHETER PACKAGE" 29.04.2003 (RECIPROCITY, SWEDEN)	



<b>Class</b>	<b>15-01</b>	<b>No.193678. HONDA MOTOR CO. LTD. A CORPORATION OF JAPAN, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN. "INTERNAL-COMBUSTION ENGINE" 28.05.2003 (RECIPROCITY, JAPAN)</b>	
<b>Class</b>	<b>09-01</b>	<b>No.193962. WARNER-LAMBERT COMPANY LLC, OF 21 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA. "DISPENSER" 16.06.2003 (RECIPROCITY, U.S.)</b>	
<b>Class</b>	<b>09-01</b>	<b>No.193956. WARNER-LAMBERT COMPANY LLC, OF 21 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA. "DISPENSER" 16.06.2003 (RECIPROCITY, U.S.)</b>	
<b>Class</b>	<b>13-03</b>	<b>No.193596. SHRI KRISHNASHRAY (INDIA) PVT. LTD. 15M, LAXMI INDUSTRIAL ESTATE, NEW LINK ROAD, ANDHERI (W), MUMBAI-400053. "SWITCH" 28.10.2003</b>	
<b>Class</b>	<b>08-03</b>	<b>No.193568. ALBRASSCO, AN INDIAN PROPRIETORSHIP FIRM, 104B, CHANDU PARK, KRISHAN NAGAR, DELHI-110051, INDIA, "CUTTER" 20.10.2003</b>	

**TRADE MARKS**

<b>Class</b>	<b>06-04</b>	<b>No.193522. MALLIYA CHETTIAR VENUGOPAL, ADDRESS IS NO. 1-A, ANNA STREET, VENKATAPURAM, VELANDIPALAYAM (P.O.) COIMBATORE-641025, TAMILNADU, INDIA. "TROLLEY" 20.10.2003</b>	
<b>Class</b>	<b>09-03</b>	<b>No.192964. CASTROL LIMITED, A BRITISH COMPANY, OF WAKEFIELD HOUSE, PIPERS WAY, SWINDON, WILTSHIRE, SN3 1RE, UNITED KINGDOM. "CONTAINER" 21.08.2003</b>	
<b>Class</b>	<b>08-08</b>	<b>No.194417. DARSHANA INDUSTRIES PVT. LTD., AT 63, INDUSTRIAL ESTATE, HADAPSAR, PUNE-411 013, MAHARASHTRA, INDIA. "FLEXIBLE MOUNTING" 27.01.2004.</b>	
<b>Class</b>	<b>08-08</b>	<b>No.193733. M/S. KICH INDUSTRIES, HAVING THEIR OFFICE AT ATIKA, DHEBAR ROAD (SOUTH) RAJKOT-2, INDIA, BOTH INDIAN NATIONALS. "ROAB HOOKS" 08.11.2003</b>	
<b>Class</b>	<b>12-11</b>	<b>No.194133. REGAL PLASTIC INDUSTRIES OF 394, INDUSTRIAL AREA, "A", LUDHIANA (PUNJAB), INDIA, "BI-CYCLE SADDLE" 30.12.2003</b>	

<b>Class</b>	<b>13-01</b>	<b>No.194715. AMAR ELECTRICAL INDUSTRIES OF 71711/5, STREET NO. 15, NEW JANTA NAGAR, DABA ROAD, LUDHIANA-141003, (PUNJAB) INDIA, "GENERATOR AUTO STOPPER"03.03.2004</b>	
<b>Class</b>	<b>12-11</b>	<b>No.194432. REMSON INDUSTRIES OF 786/39, STREET NO.1, MURADPURA, MILLER GANJ, LUDHIANA-141003 (PUNJAB), INDIA,"PEDAL" 04.02.2004</b>	
<b>Class</b>	<b>25-01</b>	<b>No.194824. M/S. WESTERN TRADERS, (AN INDIAN PROPRIETARY FIRM), STATION ROAD, P.O. SITARAMPUR-713359, DIST. BURDWAN, WEST BENGAL, INDIA, "TRAMLINE SLEEPER FOR UNDERGROUND MINE CAR RAIL TRACK" 16.03.2004</b>	
<b>Class</b>	<b>02-04</b>	<b>No.194686. ALPINE POLYRUB PVT. LTD. B-23, MANGOLPURI, INDL. AREA, PHASE-II, DELHI-110034, (INDIA) "CHAPPAL" 25.02.2004</b>	
<b>Class</b>	<b>19-06</b>	<b>No.193597. CELLO PLASTIC PRODUCTS., 5, GROUND FLOOR, VAKIL INDUSTRIAL WALBHAT ROAD, GOREGAON (E), MUMBAI-400063, STATE OF MAHARASHTRA, (INDIA), "BALL POINT PEN" 28.10.2003</b>	



Class	02-04	No.193577. LIBERTY SHOES LIMITED, AN INDIAN COMPANY OF LIBERTY PURAM, 13 MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL-132 001, HARYANA, INDIA. "SOLE FOR SLIPPER" 24.10.2003	
Class	02-04	No.194409. SHAKTI ENTERPRISES, ADDRESS IS H-34, UDYOG NAGAR, DELHI-110 041(INDIA). "SOLE OF FOOTWEAR" 27.01.2004.	

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